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Wireless telegraph stations of the world, including ...

United States.

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WIRELESS TELEGRAPH STATIONS OF THE WORLD

INCLUDING SHORE STATIONS, MERCHANT VESSELS,
REVENUE CUTTERS, AND VESSELS OF THE
UNITED STATES NAVY

CORRECTED TO JANUARY 1, 1912



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NOTE.

Errors or omissions should be reported to the Bureau of Steam Engineering, Navy Department, Washington, D. C.

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**WIRELESS TELEGRAPH STATIONS
OF THE WORLD.**

(5)

WIRELESS TELEGRAPH SHORE STATIONS OF THE WORLD.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES.					
ATLANTIC AND GULF COASTS.					
Eastport, Me.....	WQ	400-1, 000	5	800-1, 500	Commercial.
Cape Elizabeth, Me.....	NAB	.....	4	1, 000	Government (Navy).
Fort Levitt, Me.....	FV	.....	1	.....	Government (Army).
Portsmouth, N. H. (navy yard).	NAC	.....	2	1, 000	Government (Navy).
Amesbury, Mass.....	IHY	.....	2	.....	Experimental.
Cambridge, Mass. (Harvard University).	.....	.....	1	.....	Do.
Fort Andrews, Mass.....	FC	.....	1	.....	Government (Army).
Brant Rock, Mass.....	FBO	.....	7½ and 100	Variable.	Experimental.
Chatham, Mass.....	AU	.....	5	480	Commercial.
Chelsea, Mass.....	MU	.....	.....	.....	Experimental.
Boston, Mass. (board of trade).	FBN	.....	5	Variable.	Do.
Boston, Mass. (navy yard).	NAD	.....	5	1, 000	Government (Navy).
Cape Cod, Highland Light, Mass.	NAE	.....	5	1, 000	Do.
Cape Cod, South Wellfleet, Mass.	MSW	.....	.....	.....	Commercial.
Cape Cod, Mass.....	MCC	.....	35	1, 500	Do.
Siasconsett, Mass.....	MSC	.....	2	350	Do.
Quincy, Mass.....	BH	400-1, 000	2	550	Do.
Quincy, Mass. (Fore River Shipbuilding Co.)	.....	.....	.....	.....	Private.
Nantucket Shoals Lightship.	NLA	.....	2	400	Government (Navy).
Newport, R. I. (torpedo station).	NAF	.....	5	1, 000	Do.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
ATLANTIC AND GULF COAST—contd.					
Providence, R. I. (Narragansett Hotel).	HG	.....	.....	.....	Commercial.
Point Judith, R. I.	PJ	.....	2	325	Do.
Wilsons Point, Conn.	WN	.....	3	400	Do.
New London, Conn.	WS	.....	5	480	Do.
Sea Gate, N. Y.	MSE	.....	.....	350	Do.
Sagaponack, N. Y.	MSK	.....	2	350	Do.
Fire Island, N. Y.	NAG	.....	7	1,000	Government (Navy).
New York, N. Y. (42 Broadway).	NY	180-500	2	350-1,000	Commercial.
New York, N. Y. (111 Broadway).	TWT	.....	.....	425	Do.
New York, N. Y. (Hotel Plaza).	P	.....	.....	.....	Do.
New York, N. Y. (Wanamaker's).	MHI	.....	.....	.....	Private.
New York, N. Y. (Herald ship-news office, the Battery).	OHX	.....	2	640	Do.
New York, N. Y.	FNK	.....	2	3,000	Experimental.
Brooklyn, N. Y. (navy yard).	NAH	.....	15	1,000	Government (Navy).
Coney Island, N. Y.	DF	300	2	750	Commercial.
Fort H. G. Wright, N. Y..	FW	.....	1	.....	Government (Army).
Fort Totten, N. Y.	FT	.....	1	.....	Do.
Fort Wood, N. Y.	FD	.....	3	.....	Do.
Fort Hancock, N. J.	FN	.....	1	.....	Do.
Bayonne, N. J.	WD	150-300	.....	600	Commercial.
Atlantic City, N. J.	AX	300-600	2	700	Do.
Cape May, N. J.	MCY	.....	.....	.....	Do.
Camden, N. J.	BS	150-500	2	550	Do.
Philadelphia, Pa. (Wanamaker's).	MHE	.....	.....	.....	Private.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
ALLANTIC AND GULF COASTS—contd.					
Philadelphia, Pa. (Bellevue-Stratford).	BS	500	2	550	Commercial.
Philadelphia, Pa. (navy yard).	NAI	.....	3	1,000	Government (Navy).
Cape Henlopen, Del.	NAJ	.....	2	1,000	Do.
Sparrows Point, Md.	B	350	5	750	Commercial.
Annapolis, Md. (Naval Academy).	NAK	.....	2	1,000	Government (Navy).
Washington, D. C. (navy yard).	NAL	.....	5	1,000	Do.
Washington, D. C.	QK	.....	2	.....	Experimental.
Washington, D. C. (Mills Building).	SC	.....	3	.....	Government (Army).
Washington, D. C. (Bureau of Standards).	BS	.....	2	.....	Do.
Arlington, Va. ¹	NAV	.....	100	.....	Government (Navy).
Fort Monroe, Va.	FO	.....	1	.....	Government (Army).
Fort Monroe, Va. (Coast Artillery School). ¹	CAS	.....	2	.....	Do.
Norfolk, Va.	NF	150	2	580	Commercial.
Norfolk, Va. (navy yard)..	NAM	.....	5	1,000	Government (Navy).
Virginia Beach, Va.	MSY	.....	.....	.....	Commercial.
Beaufort, N. C.	NAN	.....	5	1,000	Government (Navy).
Diamond Shoals Lightship.	NLB	.....	1	400	Do.
Cape Hatteras, N. C.	HA	450-1,000	5	600	Commercial.
Charleston, S. C. (navy yard).	NAO	.....	5	1,000	Government (Navy).
Frying Pan Shoals Lightship.	NLC	.....	2	400	Do.
Savannah, Ga.	SV	150-600	2	450	Commercial.

¹ Under construction.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
ATLANTIC AND GULF COASTS—contd.					
Jacksonville, Fla.	JX	150-300	2	600	Commercial.
St. Augustine, Fla.	NAP	.....	2	1,000	Government (Navy).
Jupiter, Fla.	NAQ	.....	5	1,000	Do.
Palm Beach, Fla.	MBS	.....	.....	.....	Commercial.
Fernandina, Fla.	MSF	.....	.....	.....	Do.
Knights Key, Fla.	KY	200	2	350	Do.
Key West, Fla. (naval station).	NAR	.....	25 and 2	1,000-2,000	Government (Navy).
Tampa, Fla.	PD	500-1,500	5	600	Commercial.
Pensacola, Fla. (naval station).	NAS	.....	5	1,000	Government (Navy).
Mobile, Ala.	MB	.....	2	400	Commercial.
Fort Morgan, Ala.	FM	100	2	350	Do.
New Orleans, La. (Grune-wald Hotel).	HK	300-500	5	500	Do.
New Orleans, La.	HB	700	5 and 25	1,750	Private.
New Orleans, La. (naval station).	NAT	.....	5	1,000	Government (Navy).
Burrwood, South west Pass, La.	SW	75	1½	250	Private.
Grand Island, La.	GW	450-1,000	2	1,000	Commercial.
Port Arthur, Tex.	RU	200	2	450	Do.
Do.	MXI	.....	.....	.....	Do.
Galveston, Tex.	GV	200-400	2	450	Do.
Fort Sam Houston, Tex. ¹	SA	.....	10	.....	Government (Army).
INTERIOR.					
Fort Leavenworth, Kans.	FL	.....	3	.....	Do.
Fort Riley, Kans.	FZ	.....	3	.....	Do.
Fort Omaha, Nebr.	FS	.....	3	.....	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
GREAT LAKES.					
Buffalo, N. Y.....	BF	75	2	Variable.	Commercial.
Do.....	CB	.....	15	900	Do.
Erie, Pa.....	CI	.....	5	.....	Do.
Ashtabula, Ohio.....	CO	.....	5	500	Do.
Cleveland, Ohio.....	CX	150	2	Variable.	Do.
Do.....	CN	.....	10	1,000	Do.
Toledo, Ohio.....	CT	.....	5	.....	Do.
Detroit, Mich.....	DR	150	2	Variable.	Do.
Do.....	CF	.....	.....	Variable.	Experimental.
Detroit, Mich. (Detroit Journal).	CJL	.....	5	Variable.	Commercial.
Detroit, Mich.....	CW	.....	5	750	Do.
Port Huron, Mich.....	CH	.....	10	850	Do.
Bay City, Mich.....	CY	.....	5	750	Do.
Saginaw, Mich.....	CAN	.....	5	500	Do.
Mackinac Island, Mich...	HQ	100	2	Variable.	Do.
Ludington, Mich.....	HX	150	2	Variable.	Do.
Harbor Beach, Mich.....	BN	.....	2	Variable.	Do.
Isle Royal, Mich.....	RO	.....	2	Variable.	Do.
Grand Haven, Mich.....	GH	100	2	Variable.	Do.
Benton Harbor, Mich.....	BH	100	2	Variable.	Do.
Chicago, Ill. (Congress Hotel).	GO	150-200	2	Variable.	Do.
Chicago, Ill.....	CG	.....	7½	900	Do.
Milwaukee, Wis.....	CM	.....	7½	900	Do.
Do.....	MK	200	5	Variable.	Do.
Manitowoc, Wis.....	MW	150	2	Variable.	Do.
Waupaca, Wis.....	PA	.....	2	.....	Private and commercial.
Scandinavia, Wis.....	SC	.....	1	.....	Do.

Wireless telegraph shore stations of the world.—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
GREAT LAKES—contd.					
Sault Ste. Marie, Mich....	CJ	.....	15	1,000	Commercial.
Do.....	SH	250	5	Variable.	Do.
Marquette, Mich.....	CQ	.....	7½	900	Do.
Frankfort, Mich.....	FK	150	2	Variable.	Do.
Manistique, Mich.....	AS	150	2	Variable.	Do.
Calumet, Mich.....	CM	150	2	Variable.	Do.
Duluth, Minn.....	DM	.....	5	Variable.	Do.
Do.....	CD	.....	7½	Variable.	Do.
Grand Marais, Minn.....	GM	150	2	Variable.	Do.
PACIFIC COAST.					
Friday Harbor, Wash.....	PD	.....	2	.....	Commercial.
Seattle, Wash. (University Grounds).	PA	.....	5	1,500	Do.
Seattle, Wash.....	S2	.....	5	500	Do.
Seattle, Wash. (Seattle Gas Engine Machinery Co.).	HC	.....	4	.....	Private.
Roche Harbor, Wash. (Seattle Gas Engine Machinery Co.).	RH	.....	4	.....	Do.
Bremerton, Wash. (Puget Sound Navy Yard).	NPC	.....	5	1,000	Government (Navy).
Tacoma, Wash.....	T2	.....	2	400	Commercial.
Tatoosh Island, Wash....	NPD	.....	5	1,000	Government (Navy).
North Head, Ilwaco, Wash.	NPE	.....	10	1,000	Do.
Fort Worden, Wash.....	FX	.....	1	.....	Government (Army).
Astoria, Oreg.....	PC	200	2	425	Commercial.
Marshfield, Oreg.....	PX	.....	2	.....	Do.
Fort Stevens, Oreg.....	FJ	.....	1	.....	Do.
Cape Blanco, Denmark, Oreg.	NPF	.....	5	1,000	Government (Navy).

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
UNITED STATES—Continued.					
PACIFIC COAST—contd.					
Eureka, Cal.	PM	.....	5	425	Commercial.
Table Bluff, Cal.	NPG	.....	5	1,000	Government (Navy).
Farallon Islands, Cal.	NPI	.....	5	1,000	Do.
San Francisco, Cal.	PH	.....	10	600	Commercial.
San Francisco, Cal. (Phe- lan Building).	SF	.....	5	480	Do.
San Francisco, Cal. (The Presidio).	PS	.....	1	.....	Government (Army).
Yerba Buena Island, San Francisco, Cal. (naval training station).	NPJ	.....	2	600	Government (Navy).
Mare Island, Cal. (navy yard).	NPH	.....	5	1,000	Do.
San Luis Obispo, Cal.	DN	.....	2	100	Commercial.
Point Arguello, Surf, Cal..	NPK	.....	3	1,000	Government (Navy).
San Pedro, Cal.	PJ	.....	5	425	Commercial.
Los Angeles, Cal. (Ex- aminer).	PJ	.....	2	425	Do.
Los Angeles, Cal.	G2	.....	2	500	Do.
Avalon, Catalina Island, Cal.	A2	.....	1	500	Do.
Do.	PI	.....	2	425	Do.
Point Loma, San Diego, Cal.	NPL	.....	5	1,000	Government (Navy).
ALASKA.					
Pribilof Islands.	NPQ	.....	3	1,000	Do.
Unalaska.	NPR	.....	5	1,000	Do.
Unalga Island ¹	NPV	.....	10	1,000	Do.
Kodiak.	NPS	.....	3	1,000	Do.
Cordova.	NPA	.....	10	1,000	Do.
Sitka.	NPB	.....	20	1,000	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
ALASKA—Continued.					
Circle City	FK	.....	3	.....	Government (Army).
Fort Egbert.....	FG	.....	5	.....	Do.
Fairbanks.....	FB	.....	5	.....	Do.
Fort Gibbon.....	FG	.....	10	.....	Do.
Fort St. Michael.....	FM	.....	3	.....	Do.
Kotlik.....	FE	.....	1	.....	Do.
Nome.....	FD	.....	10	.....	Do.
Nulato.....	FU	.....	10	.....	Do.
Petersburg.....	FP	.....	1	.....	Do.
Wrangell.....	FW	.....	1	.....	Do.
Ketchikan.....	PB	.....	2	.....	Commercial.
Juneau.....	DU	.....	2	.....	Do.
Karluk.....	HA	.....	5	.....	Do.
Kogginung.....	HB	.....	2	.....	Do.
Chignik.....	HC	.....	2	.....	Do.
Nushagak.....	HF	.....	2	.....	Do.
Clarks Point.....	HG	.....	2	.....	Do.
Nak Nek.....	HT	.....	5	.....	Do.
ALGERIA.					
Algiers.....	ALG	.....	.....	Variable.	Government.
Oran.....	TOF	.....	.....	600	Do.
Fort d'Eau.....	UFO	380	.....	600	Do.
ANDAMAN ISLANDS.					
Port Blair.....	.....	350	.....	Variable.	Do.
Table Island.....	ROI	275	.....	300, 600	Do.
Antarctic, The Adelie Land.	MAL	.....	.....	.....	Dr. Mawson's South Pole Expedition.
ARABIA.					
Aden.....	ADN	170	.....	600	Government.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
ARGENTINE REPUBLIC.					
Ano Neuvo, New Years Island.	WAN	275			Government.
Bernal.....	MBL				Commercial.
Buenos Aires (Darsena Norte).	WBA	275		600-1,000	Government.
Buenos Aires (Campo de Mayo).	CM	100		350	Do.
Buenos Aires (Naval School).		125			Do.
Cabo San Pio.....	SP	500			Do.
Cabo Virgines, Straits of Magellan.	WCV	275			Do.
Faro Mogotes.....	FM				Do.
Formosa.....	WFA	275			Do.
Isla Leonco.....	LO				
Isla Pinguin.....	PI				Do.
Lightship Recalada at mouth of La Plata.	RC	100		350-450	Do.
Monte Entrance.....	MC	275			Do.
Puerto Militar, Bahia Blanca.	WPM	275			Do.
Punta Delgada.....	PD	275			Do.
Rio Grande.....	RG	275			Do.
Rio Santiago.....	WRS	275			Do.
San Martin.....	SM				Do.
Usuaia, Beagle Channel, Tierra del Fuego.	WUH	275			Do.
AUSTRALIA.					
Cape York, North Queensland. ¹		350			Do.
Fremantle, West Australia. ¹	POF	325-650	2	600	Do.
Goode Island, North Queensland. ¹		50			Do.
Melbourne.....	AAM	325-650	2	600	Commercial.
Port Moresby, Papua ¹		350			Government.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
AUSTRALIA—Continued.					
Sydney, N. S. W. (Hotel Australia).	AAA	325-650	2	600	Commercial.
Sydney, N. S. W. (Pen- nant Hills).	POP	1, 250	30	600	Government.
Thursday Island, North Queensland. ¹	.....	50	.....	.....	Do.
AUSTRIA-HUNGARY.					
Ancona.....	.....	200	.....	.....	Government.
Aussig.....	.....	63	.....	300	Do.
Carlobago.....	HC	63	.....	300	Do.
Cattaro (Castelneuvo)....	LRC	1, 000	High power.	Variable.	Do.
Fiume.....	HF	375	.....	300-2, 000	Do.
Leopoldsau.....	.....	.....	.....	Variable.	Government (Army).
Lissa.....	.....	375	.....	Variable.	Government (P- & T. Admn.).
Lussin.....	LU	65	.....	350	Government (Navy).
Lussinpiccolo.....	.....	200	.....	Variable.	Government.
Musil.....	MU	60	.....	350	Government (Navy).
Pelagosa.....	.....	63	.....	.....	Government.
Pola.....	LRP	270	.....	600	Do.
Sebenico.....	LRS	270	.....	300, 600	Do.
Teplitz.....	.....	125	.....	Variable.	Do.
Vienna.....	.....	200	.....	Variable.	Do.
Do.....	.....	200	.....	300-1, 200	Do.
Do.....	.....	375	.....	300-1, 200	Private.
Zengg.....	HZ	300	.....	300	Do.
AZORES.					
Corro.....	COR	65	.....	300, 600	Government.
Fayal.....	FAL	135	.....	300, 600	Do.
Flores.....	FLO	135	.....	300, 600	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
AZORES—Continued.					
Santa Maria.....	STM	65	.....	300, 600	Government.
San Miguel (Ponta Delgado).	SMG	65	.....	300, 600	Do.
BELGIUM.					
Nieuport.....	NPT	55	.....	300	Government.
Antwerp.....	QR	55	.....	100	Commercial.
BERMUDA ISLANDS.					
Bermuda.....	QWC	.....	.....	.....	Government.
BRAZIL.					
Amaralina, Bahia.....	AML	425	.....	600, 100, 1, 600	Commercial.
Babylonia, Rio de Janeiro.	BYN	100	.....	300	Do.
Cruzeiro do Sol.....	.....	850	.....	.....	Government.
Florianopolis, Santa Catharina (¹).	.....	450	.....	600	Do.
Fernando de Narona....	FNR	200-500	.....	600, 1, 800	Commercial.
Guaratiba.....	GRT	25	$\frac{1}{2}$	300	Government.
Isla das Cobras.....	ICL	100	1. 5	300	Do.
Isla Grande.....	.....	.....	.....	.....	Commercial.
Luiz de Carcarers.....	.....	230	.....	.....	Government.
Manaos.....	.....	400	.....	.....	Commercial.
Mocangue.....	MCG	25	$\frac{1}{2}$	300	Government.
Monte Serrat.....	SRT	400	.....	375	Commercial.
Olinda, Pernambuco....	OLD	275	.....	600	Do.
Para.....	.....	400	.....	.....	Do.
Porto Vello.....	.....	.....	.....	.....	Do.
Ponta do Ismael.....	.....	.....	.....	.....	Do.
Ponta Negra.....	PNA	25	$\frac{1}{2}$	300	Government.
Raza Island.....	RZA	100	.....	300	Do.
Rijo.....	RJI	.....	.....	.....	Do.
Rio Branco.....	ROC	.....	.....	600	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
BRAZIL—Continued.					
Rio de Janeiro.....	ULB	.....	5	.....	Commercial.
Do.....	RJ	125	.....	Variable.	Government.
Rio Grande (¹).....	.....	800	.....	600	Do.
Santa Cruz.....	.....	.....	.....	.....	Commercial.
Santarem.....	.....	400	.....	.....	Government.
San Thome (¹).....	.....	.....	.....	600	Do.
Senna Madureira.....	SMD	800	.....	600	Do.
Villegaigon.....	FVG	25	$\frac{1}{2}$	300	Do.
BRITISH GUIANA.					
Demarara, Georgetown....	DMA	430	.....	600	Government.
BRITISH HONDURAS.					
Belize (¹).....	UCF	.....	.....	.....	Commercial.
BRITISH SOMALILAND.					
Berbera.....	BER	170	.....	600	Government.
BURMA.					
Diamond Island.....	ROD	275	.....	300, 500, 600	Government.
Port Blair.....	ROP	275	.....	400, 800	Do.
Rangoon.....	.....	.....	.....	.....	Do.
Victoria Point.....	ROV	275	.....	300, 600, 700	Do.
CANADA.					
Indian Harbor, Labrador.	MNR	.....	.....	.....	Government.
Domino Island, Labrador.	MDO	150	.....	220	Do.
American Tickle, Labrador.	MAT	.....	.....	.....	Do.
Venison Island, Labrador.	MVI	150	.....	220	Do.
Battle Harbor, Labrador..	MBH	150	.....	220	Do.
Chateau Bay, Labrador...	MCB	.....	.....	.....	Do.
Belle Isle, Newfoundland.	MBI	230	.....	600	Do.
Point Rich, Newfoundland.	MCH	230	.....	600	Do.
Cape Ray, Newfoundland.	MCR	270	.....	600, 1, 600	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
CANADA—Continued.					
Cape Race, Newfoundland.	MCE	350	.....	600, 1, 600	Government.
Harrington, Quebec.....	MWR	135	.....	300	Do.
Heath Point, Anticosti Island, Quebec.	MHP	230	.....	600	Do.
Grindstone, Magdalen Islands, Quebec.	MUD	135	.....	600	Do.
Fame Point, Quebec.....	MFP	230	.....	600	Do.
Clarke City, Seven Islands, Quebec.	MCK	230	.....	600	Do.
Father Point, Quebec....	MUA	230	.....	600	Do.
Grosse Isle, Quebec.....	MGI	100	.....	300	Do.
Quebec, Quebec.....	Q	100	.....	300	Do.
Three Rivers, Quebec....	MUC	135	.....	600	Commercial.
Montreal, Quebec.....	MTL	190	.....	600	Do.
North Sydney, Nova Scotia.	MND	135	.....	300	Do.
Cape Breton, Glace Bay, Nova Scotia.	GB	.....	.....	.....	Government.
Pictou, Nova Scotia.....	MUB	100	.....	300	Do.
Camperdown, Halifax, Nova Scotia.	MIIX	230	.....	600	Commercial.
Sable Island, Nova Scotia.	MSD	300	.....	600	Government.
Cape Sable, Nova Scotia..	MSB	230	.....	600	Do.
St. John, Partridge Island, New Brunswick.	MSJ	230	.....	600	Do.
Port Arthur, Ontario.....	MUG	350	.....	600	Do.
St. Thomas, Ontario.....	CST	.....	5	400	Commercial.
Prince Rupert, B. C.....	PRD	250	.....	600	Government.
Dead Tree Point, Charlotte Island, B. C.	CAD	225	.....	600	Do.
Ikeda Head, Charlotte Island, B. C.	DKD	250	.....	600	Do.
Triangle Island, Charlotte Island, B. C.	TLD	350	.....	600	Do.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
CANADA—Continued.					
Cape Lazo, Vancouver, B. C.	SKD	175	.....	600	Government.
Estevan, Vancouver, B. C.	USD	100	.....	600	Do.
Point Grey, Vancouver, B. C.	PGD	100	.....	600	Do.
Pachena, Vancouver, B. C.	KPD	250	.....	600	Do.
Victoria, B. C.....	VSD	200	.....	600	Do.
CANARY ISLANDS.					
Las Palmas.....	MPE	.....	.....	.....	Do.
Teneriffe.....	MTE	.....	.....	.....	Do.
CAPE COLONY.					
Capetown ¹	CTN	185	.....	600	Do.
CAPE DE VERDE ISLANDS.					
St. Vincent ¹.....	.....	.....	.....	.....	Do.
CAROLINE ISLANDS.					
Angaur.....	KAN	275	.....	.....	Commercial.
Yap.....	KJA	275	.....	.....	Do.
CHILE.					
Juan Fernandez ¹.....	.....	.....	.....	.....	Government.
Las Salinas.....	WLS	10	.....	.....	Do.
Punta Arenas ¹.....	.....	.....	.....	.....	Do.
Telcahuano.....	WTA	.....	.....	600, 700, 1, 200	Do.
Valparaiso (naval station).	WEN	25	.....	.....	Do.
Valparaiso (Playa Ancha).	WFT	275	.....	400, 700	Do.
CHINA.					
Canton.....	.....	65	.....	.....	Chinese Govern- ment.
Chu wu.....	.....	65	.....	.....	Do.
Hoihow.....	.....	65	.....	.....	Do.
Kongmoon.....	.....	65	.....	.....	Do.
Peking (Italian Embassy).	PK	.....	.....	300	Italian Govern- ment.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
CHINA—Continued.					
Shanghai.....	SNG	.....	.....	.....	Chinese Govern- ment.
Do.....		65	.....	300	Commercial.
Tai Lien Wan.....		80	.....	300	Japanese Gov- ernment.
Tientsin.....	TN	.....	.....	300	Italian Govern- ment.
Tsingtau, Kiaotschou....	KTS	100	.....	300	German Govern- ment.
COCOS ISLANDS.					
Cocos Islands.....	MKI	.....	.....	.....	Commercial.
COLOMBIA.					
Santa Marta ¹	UCJ	.....	.....	.....	Commercial.
CORSICA.					
Ajaccio.....	TAF	380	4	600	Government.
COSTA RICA.					
Boca del Colorado.....	CB	200	.....	400	Commercial.
Port Limon.....	X	400	5	700	Do.
CUBA.					
Baracao.....	B	500	10	1, 200	Government.
Bayamo.....		.....	4	.....	Do.
Camaguey.....	C	1, 500	10	1, 600	Do.
Cape San Antonio.....	UJ	700	2 and 25	1, 900	Commercial.
Cape Criso.....	CO	.....	2	600	Government.
Guantanamo.....	NAW	.....	5	1, 000	United States Navy.
Havana (Morro Castle)....	M	1, 500	2	1, 600	Government.
Havana (Vedado).....	HV	200-400	2	450	Commercial.
Nueva Gerona, Isle of Pines.	P	300	2	800	Government.
Pinar del Rio.....	RS	400	5	500	Do.
Santa Clara.....	DA	600	10	600	Do.
Santiago de Cuba.....	SN	1, 000	20	1, 600	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
DENMARK.					
Amager.....		100			Government.
Blaavands Huk.....	BH	30		200	Do.
Copenhagen.....	GRA	215		300, 600	Do.
Drogden.....	DN	15		300	Do.
Esbjærb.....					Private.
Gjedser Havn.....	GJ	25		250	Government.
Gjedser Reef Lightship...	N	25		250	Do.
Graadyb Reef Lightship..	GD	30		200	Do.
Horns Reef Lightship....	HR	30		200	Do.
Lynghby.....					Private.
Wyl Reef Lightship.....	VL	30		200	Government.
DUTCH EAST INDIES.					
Batavia.....	BA	125		600	Government.
Cheribon.....	CB	125		600	Do.
Macassar.....		70			Do.
Pare Pare.....		70			Do.
Radjave.....		70			Do.
Sabang, Sumatra ¹	SAB			300, 600	Do.
DUTCH WEST INDIES.					
Aruba.....	ARB	100		600	Government.
Bonaire.....	BNR	100		600	Do.
Williamstad, Curacao....	CHC	270		600	Do.
ECUADOR.					
Guayaquil ¹		125			Government.
Isla de Puna ¹		125			Do.
EGYPT.					
Gulf of Suez ¹					
Island of Sheduan.....					
Port Said.....	LPD				Lloyds.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
EGYPT—Continued.					
Port Tewfik.....	LPK				Lloyds.
Suez.....					
FIJI ISLANDS.					
Suva.....	SVA			300, 450, 600	British Government.
Taveuni.....	TAV	350		300, 450, 600	Do.
FRANCE.					
Boulogne.....	UBL	300		300	Public service.
Brest, Arsenal.....	IBF				Government.
Brest, Kerlaer.....	TQF	375–1,100		600	Public service.
Cape Griz-Nez.....					Do.
Cape Hague.....					Do.
Cherbourg.....	TCF	375–1,100		600	Do.
Cros-de-Cagnes.....	UNI	160		300	Do.
Dieppe.....	DP	50		400	Do.
Dunkerque.....	TDF	375–1,100		600	Do.
Lorient.....	TLF	375–1,100		600	Do.
Ouessant.....	UOS	375		600	Do.
Paris (Eiffel Tower).....	FL				Government.
Porquerolles.....	UPQ	100		300	Public service.
Port Vendres.....	IVF				Government.
Rochefort.....	TRF	375–1,100		600	Public service.
St. Marie de la Mer.....	USM	375		600	Do.
Toulon, Ecole.....	ITF				Government.
Toulon, Mourillon.....	TNF				Do.
GERMANY.					
Arcona.....	KAC	65		600	Government (Navy).
Berlin.....					Government (post office).
Berlin (Tempelhofer Ufer).....	TU	100		500–800	Private, experimental.
Berlin.....	OW	65		Variable.	Government (Army).

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
GERMANY—Continued.					
Borkum.....	KBM	95		300	Government (post office).
Bremerhaven, Lloyd Hall.	KBH	160		300	North German Lloyd.
Britz.....	BR	65		350	Private, experimental.
Brunsbüttelkoog.....	KBR	100		300	Government (canal department).
Bulk.....	KBK	100		100	Government (Navy).
Charlottenburg.....	CG	100		Variable.	Private, experimental.
Coblenz-on-Rhein.....		65		Variable.	Government (Army).
Cothen.....		65		Variable.	Technical High School.
Cuxhaven.....	KCX	100		300	Government (Navy).
Danzig.....	KDG	325-650		600	Government.
Darmstadt.....				Variable.	Technical High School.
Dresden.....				Variable.	Do.
Emden.....				100	Government (post office).
Flensburg.....		90		Variable.	Government (Navy).
Frankfort-on-Oder.....		90		Variable.	Government (Army).
Halle.....		200		Variable.	University.
Helgoland.....	KHG	100		600	Government (Navy).
Karlsruhe, Baden.....		65		Variable.	Government (Army).
Kiel Werft.....		65		Variable.	Government (Navy).
Kiel (torpedo station).....	TVK	90		Variable.	Do.
Lightship Adlergrund.....	FAG	55		300	Government.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
GERMANY—Continued.					
Lightship Amrunbank....	FAF	25	.....	600	Government.
Lightship Borkum Reef..	FBR	65	.....	300	Do.
Lightship Eider.....	FIF	35	.....	600	Do.
Lightship Elbe I.....	FEF	35	.....	300	Do.
Lightship Ouder Jade....	FAU	55	.....	300	Do.
Lightship Wesser.....	FWF	35	.....	300	Do.
Mannheim.....				300	Private, experimental.
Marienleuchte.....	KMR	125	.....	300	Government.
Messul.....				Variable.	Technical High School.
Nauen.....	NAU	2,000	.....	2,000	Private, experimental.
Nonendamm.....	NO	100	.....	500–800	Do.
Norddeich.....	KND	325	.....	600	Government (post office).
Rixhoft.....	RRX	125	.....	350	Government (Navy).
Schoneberg.....		20	.....		Government (post office).
Strassburg.....					Government (Army).
Swinemunde.....	KSW	325–650	.....	600	Government.
Wilhelmshaven Werff....	MW	65	.....	350	Government (Navy).
GERMAN EAST AFRICA.					
Bukoba.....	BU	325	.....	Variable.	Government.
Muansa.....	MU	325	.....	Variable.	Do.
GIBRALTAR.					
Windmill Hill.....	SNP	90	.....	Variable.	British Admiralty.
GREAT BRITAIN AND IRELAND.					
Aberdeen.....	QVB				British Admiralty.
Alderney.....	QDH				Do.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
GREAT BRITAIN AND IRELAND—Continued.					
Aldershot.....	AS				Government.
Bolt Head.....	GBA	85		600	Post office.
Broomfield.....	MBR			Variable.	Commercial.
Caister.....	GCS	65		300	Post office.
Cambridge.....	CA				
Cleethorpes.....	RJD				British Admi- ralty.
Corkbeg.....	RJF				Do.
Cullercoats.....	LNS	215		600	Commercial.
Culver Cliff.....	RQN				British Admi- ralty.
Dover.....	RQW				Do.
Easington ¹					Do.
Felixstowe.....	SCQ				Do.
Guernsey.....	GU				Government.
Haven.....	MHH			Variable.	Commercial.
Hartland Point.....					Do.
Heysham.....	HBR	130		400	Midland Ry.Co.
Horsea.....	SPC				British Admi- ralty.
Humberstone ¹					
Hull.....					Do.
Hunstanton.....	HNU	45		300	Commercial.
Ipswich.....	TBN				British Admi- ralty.
Jersey.....	JE				Government.
Lightship Cross Sand....	TA	5		230	Trinity House.
Lightship East Goodwin..	TE	10		230	Do.
Lightship South Goodwin..	TS	12		230	Do.
Lightship Gull.....	TG	6		230	Do.
Lightship Tongue.....	TT	6		230	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
GREAT BRITAIN AND IRELAND—Continued.					
Lightship Sunk.....	TK	25		230	Trinity House.
Liverpool (Seaforth).....	GLV	65		300	Post office.
Lizard, The.....	GLD	65		300	Do.
London (Whitehall).....	QBM				British Admiralty.
New Haven.....	RNH	65		300	Railway company.
Niton.....	GNI	65		300	Post office.
North Foreland.....	GNF			300	Do.
Oxford.....	OX				
Parkeston Quay.....	PQL	100		450, 600	Railway company.
Pembroke.....	THD				British Admiralty.
Poldhu.....	MPD			Variable.	Commercial.
Porthcuno, Cornwall.....	PK	90			Do.
Portland Bill.....	TKQ				British Admiralty.
Portland.....	TWQ				Do.
Port Patrick.....	TLK				Do.
Rame Head.....	TMP			340	Do.
Rosyth.....	TQM				Do.
Scarborough.....					Government.
Scilly Islands.....	TVP				British Admiralty.
Sheerness.....	VFM				Do.
Shoeburyness.....	BY				Do.
Skegness.....	SKE	45		300	Commercial.
Withernsea.....	MWS			Variable.	Post office.
Butt of Lewis, Scotland...	BTL	110		Variable.	Lloyds.
Flannan Isle, Scotland...	FNL			Variable.	Do.
Fraserburgh, Scotland...	MFH				Commercial.
Dunnet Head, Scotland...		110			Lloyds.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
GREAT BRITAIN AND IRELAND—Continued.					
Loch Boisdale, Scotland..	LSG	100	.....	300	Post office.
Machrihanish Bay, Scotland.	FLK	.....	High power.	.....	Experimental.
Peterhead, Scotland.....	.....	.....	.....	Variable.	Lloyds.
Tobermory Island, Scotland.	THM	100	.....	300	Post office.
Tory Island, Scotland.....	.....	110	.....	.....	Lloyds.
Wick Bay, Scotland.....	.....	.....	.....	.....	Government.
Clifden, Ireland.....	CDN	.....	High power.	4,500	Commercial.
Crookhaven, Ireland.....	GCK	215	.....	.....	Post office.
Fastnet, Ireland.....	FNT	.....	.....	100	Lloyds.
Inistrahull, Ireland.....	IH	.....	.....	.....	Do.
Malin Head, Ireland.....	GMH	65	.....	300	Post office.
Rosslare, Ireland.....	GRL	65	.....	300	Do.
GUATEMALA.					
Porto Barrios.....	UQC	.....	.....	.....	Commercial.
HAWAIIAN ISLANDS.					
Honolulu.....	NPM	.....	2	450	United States Navy.
Kawaikae, Hawaii.....	KA	.....	2	300	Commercial.
Kuanakakai, Molokai.....	AM	.....	$\frac{1}{2}$	300	Do.
Lahaina, Maui.....	LH	.....	1	300	Do.
Nawiliwili, Kauai.....	NW	.....	$\frac{1}{2}$	300	Do.
HONDURAS.					
Ceiba.....	BW	300-400	5	550	Commercial.
Swan Island.....	US	500	10	750	Do.
HONGKONG.					
Cape d'Aguilar (Island East).	HK	.....	.....	.....	British Admiralty.
INDIA.					
Bassein.....	ROB	275	.....	960	Government.
Bombay.....	BYR	300	.....	300, 600	Do.
Calcutta.....	ROC	325	.....	300, 600	Do.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
INDIA—Continued.					
Mergui.....	ROG	275	.....	670	Government.
Sandheads.....	ROS	160	.....	300, 600	Do.
ITALIAN SOMALILAND.					
Bardera.....	MBD	160	.....	700-750	Government.
Brave.....	MBW	160	.....	700-750	Do.
Giumbo.....	MGO	160	.....	700-750	Do.
Itala.....	MIT	160	.....	300	Do.
Lugh.....	MLU	160	.....	300	Do.
Merka.....	MEK	160	.....	300	Do.
Mogadiscio.....	MGD	160	.....	300	Do.
ITALY.					
Asinara, Sardinia.....	MAS	.....	.....	Variable.	Government.
Bari.....	MSC	160	.....	300	Do.
Cagliari.....	MPO	160	.....	1, 200	Do.
Cape Mele, Liguria.....	MCM	160	.....	75, 300	Do.
Capo Sperone, Sardinia...	MPN	160	.....	75, 300	Do.
Coltano.....	.....	.....	.....	1, 200	Do.
Cozzo, Spadaro, Cape Pas-saro, Sicily.	MCZ	160	.....	75, 300	Do.
Fort Spuria, Messina.....	MFS	160	.....	75, 300	Do.
Isola Chiesa, Maddalena..	MBV	325	.....	75, 300	Do.
Messina.....	M	25	.....	50	Sicilian Rail-ways.
Monte Capuccini, An-cona.	MMP	160	.....	75, 300	Government.
Monte Mario, Rome.....	MRM	.....	.....	Variable.	Do.
Monte San Guilano.....	MMP	160	.....	75, 300	Do.
Naples.....	MNS	245	.....	75, 1, 200	Do.
Palmeria, Spezia.....	MPM	245	.....	700, 1, 200	Do.
Palmero.....	MPP	245	.....	700, 1, 200	Do.
Ponza Island.....	MPS	160	.....	75, 300	Do.
Reggio.....	R	25	.....	50	Sicilian Rail-ways.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
ITALY—Continued.					
San Giovanni.....	V	50	.....	50	Government.
San Guiliano di Trapani..	MMS	160	.....	75, 300	Do.
Santa Maria di Leuca.....	MSL	160	.....	75, 300	Do.
Taranto.....	MTO	275	.....	1, 100, 1, 500	Do.
Terre Piloti di Malamocco.	MTP	.....	.....	.....	Do.
Venice (arsenal).....	MZV	160	.....	75, 300	Do.
Viesti, Mount Gargano....	MVT	160	.....	75, 300	Do.
JAMAICA.					
Bowden.....	JCA	100	2	600	Commercial.
JAPAN.					
Chosi, Simosa.....	JCS	650-1, 000	.....	300	Government.
Fukuyama, Toshima ¹.....	.....	250	.....	300	Do.
Fukuye Island, Goto ¹.....	.....	250	.....	300	Do.
Hachijo Island ¹.....	.....	250	.....	300	Do.
Kawashirimisaki, Negato. ¹	.....	250	.....	300	Do.
Kinkazan, Rikuzen ¹.....	.....	250	.....	300	Do.
Murotozaki, Awa ¹.....	.....	250	.....	300	Do.
Oshima, Kii ¹.....	.....	250	.....	300	Do.
Ose Saki, Goto Islands....	JOS	650-1, 100	.....	300	Do.
Otchishi.....	JOI	650-1, 100	.....	300	Do.
Saruyamazaki, Noto ¹.....	.....	250	.....	300	Do.
Satanomisaki, Osumi ¹.....	.....	250	.....	300	Do.
Shiomizaki, Kii.....	JSM	650-1, 100	.....	300	Do.
Shiriyazaki, Mutsu ¹.....	.....	250	.....	300	Do.
Tsunoshima.....	JTS	650-1, 100	.....	300	Do.
KOREA.					
Masampo.....	.....	.....	.....	.....	Government.
Mokpo.....	.....	.....	.....	.....	Do.
Port Hamilton.....	.....	.....	.....	.....	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
KOREA—Continued.					
Quelpart ¹		250		300	Government.
Thaian ¹		250		300	Do.
MALTA.					
West of La Valetta	TBS				British Admiralty.
MARIANAS.					
Guam	NPN		3	300	United States Navy.
MEXICO.					
Bacochibampo	HR	80		480	Public service.
Campeche		500			Government (Army).
Cerritos de Sinaloa	XEY	180		600, 1600	Public service.
Coposal		500			Do.
Islas Tres Marias		500			Do.
Mazatlan	MZ	220			Government.
Payo Obispo	PG	40			Do.
Santa Jose del Cabo	XSJ	180		600, 1600	Public service.
Santa Rosalia de la Baja	XRH	80		480	Government.
Veracruz		500			Public service.
Xcalac	XP	40			Government.
MONTENEGRO.					
Antivari	AN	315		Variable	Commercial.
MOROCCO.					
Casablanca	TPP	425		600	Government.
Ceuta					Do.
Le Crois	DL				Do.
Melilla	MEL	125		Variable	Do.
Mogador	TYP	100		600	Do.
Rabat					Do.
Tangier	TWP	425		600	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
MOZAMBIQUE.					
Inhaca, Delagoa Bay ¹					
Rubea Point, Delagoa Bay. ¹					
NATAL.					
Durban.....	DBN	250		300, 600	Public service.
NETHERLANDS					
Amsterdam.....	ADM				
Amsterdam (navy yard).....	ASD				Government.
Haaks Lightship.....	HKS	65		400	Do.
Helder.....	HDR				Do.
Hoek van Holland.....	HOK	50		300, 450, 600	Do.
Maas Lightship.....	LMS	15		400	Do.
Overtoom.....	BRBR	220			
Scheveningen.....	SCH	325		800	Public service.
NEW ZEALAND.					
Awanui, Doubtless Bay ¹		1, 250	30	1, 600	Government.
Bluff ¹		1, 250	30	1, 600	Do.
Christchurch ¹		325-650	2	600	Do.
Gisborne ¹		325-650	2	600	Do.
Macquarie Island.....	MQI	325-650	2	400	Dr. Mawson's South Pole Expedition.
Napier ¹		325-650	2	600	Government.
Wellington.....	WN	325-650	2	600	Do.
Do.....	NZW	250		100	Do.
NICARAGUA.					
Bluefields.....	Q		3	500	Commercial.
Greytown.....					
Managua.....					
Rama.....	UE		2	500	Do.

¹Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilo-watts.	Wave length in meters.	Character of station.
NORWAY.					
Bergen.....					Government.
Flekkero.....	FLK	225		600	Public service.
Horten.....	H	50		300	Government.
Rost.....	RST	30		600	Public service.
Skjeergaarten.....					Government.
Sorvaagen.....	SOE	30		600	Public service.
Spitzbergen.....					Government.
Tjomo.....	TMO	225		600	Public service.
Varo.....					Do.
PANAMA.					
Boca del Toro.....	B	250	2	500	Commercial.
Colon.....	RMF	150-300	2	400	Do.
Do.....	NAX		25	1,400	United States Navy.
Porto Bello.....	NAY		5	600	Do.
PERSIA.					
Jask.....	JKR	275		300,600	Public service.
PERU.					
Iquitos.....		125			Government.
Lima.....					Do.
Masisea.....		135			Do.
Orellana.....		125			Do.
Requena.....		125			Do.
San Ramon ¹					Do.
PHILIPPINE ISLANDS.					
Cavite.....	NPO		2	1,000	United States Navy.
Corregidor Island.....	FH		10		United States Army.
Fort Drumm.....	PIB		$\frac{1}{2}$		Do.
Fort Frank.....	PIA		$\frac{1}{2}$		Do.
Fort William McKinley..	PID		$\frac{1}{2}$		Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilo-watts.	Wave length in meters.	Character of station.
PHILIPPINE ISLANDS—Continued.					
Fort Wint.....	PIC	.....	1	.....	United States Army.
Jolo.....	FS	.....	3	425	Insular government.
Malabang.....	FA	.....	3	425	Do.
Manila.....	PN	.....	1	.....	United States Army.
Olongapo.....	NPT	.....	5	1,000	United States Navy.
Zamboanga.....	FM	.....	3	425	Insular government.
PORTO RICO.					
San Juan.....	NAU	.....	5	1,000	United States Navy.
PORTUGAL.					
Cascaes, near Lisbon.....	.....	40	.....	540	Government.
ROUMANIA.					
Bukarest ¹.....	.....	125	.....	.....	Government.
Cernavoda ¹.....	.....	125	.....	.....
Constanza (tunnel).....	KST	270	.....	600	Do.
Galarasi ¹.....	.....	125	.....	.....	Do.
Giurgi ¹.....	.....	125	.....	.....	Do.
Sulina ¹.....	.....	125	.....	.....	Do.
RUSSIA.					
Abo.....	BAO	65	.....	360	Government.
Aschur-Ada.....	.....	700	.....	.....	Do.
Baikalsee.....	.....	.....	.....	.....	Do.
Baku.....	.....	1,000	.....	.....	Do.
Bogekar.....	.....	.....	.....	Variable.	Do.
Charbin.....	.....	.....	.....	.....	Do.
Gango.....	.....	65	.....	Variable.	Do.
Hapsal.....	.....	125	.....	360	Do.
Helsingfors.....	BGF	120	.....	360	Do.
Kherson.....	.....	120	.....	.....	Do.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
RUSSIA—Continued.					
Kronstadt (Fort Menschikoff).	PPZ	190	.....	360	Government.
Kronstadt (Minenschule).	.....	125	.....	360	Do.
Lekhte.....	BLH	.....	.....	300	Do.
Libau.....	BLW	.....	.....	360	Do.
Marisham.....	.....	.....	.....	.....	Do.
Nicolaiwsk.....	NKP	245	.....	300, 600	Do.
Nicolaistadt.....	BNCh	65	.....	300	Do.
Ochta.....	.....	65	.....	.....	Do.
Otschakon.....	.....	125	.....	.....	Do.
Parkalaud.....	.....	65	.....	300	Do.
Peterhof.....	.....	25	.....	360	Do.
Preste.....	BPS	120	.....	360	Do.
Reval.....	BRW	125	.....	360	Do.
Sebastopol.....	BSP	120	.....	360	Do.
St. Petersburg (navy general staff).	BTP	.....	.....	1, 200	Do.
St. Petersburg (army station).	.....	65	.....	.....	Do.
St. Petersburg (military school).	.....	125	.....	.....	Do.
St. Petersburg (Luft-Schifferpark).	.....	.....	.....	.....	Do.
Vindau.....	.....	120	.....	360	Do.
Wiborg.....	WB	.....	.....	1, 200	Do.
Zarskoje-Sele.....	.....	85	.....	.....	Do.
SANTO DOMINGO.					
Santiago.....	.....	.....	3	700	Government.
Santo Domingo City.....	SD	.....	20	Variable.	Do.
SENEGAL.					
Cape Manuel.....	.....	.....	.....	.....	.....
Cape Verde.....	.....	.....	.....	.....	.....

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
SENEGAL—Continued.					
Dakar.....	DRA	160	.....	300	Public service.
Rufisque.....	RFA	500	.....	600, 1, 200	Do.
SIAM.					
Bangkok ¹					
Cosichang ¹					
SIBERIA.					
Petropavlovsk.....	PRK	250	.....	300, 600	Government.
Vladivostok.....	BWT			360	Do.
Do.....	MW			1, 200	Do.
SPAIN.					
Almeria.....	ALM	125	.....	Variable.	Government.
Balearic Islands.....	MBK				Do.
Barcelona.....	MBY				Do.
Cadiz.....	MCP				Do.
Cape Finisterre ¹					Do.
Cape Gata.....	MGP				Do.
Cape San Antonio Minorca. ¹					Do.
Chamartin.....	CH	30	.....	Variable.	Do.
Coruna.....	CO	20	.....	350	Do.
Ferrol.....	FE	20	.....	350	Do.
Guadalajara.....	GU	30	.....	600	Academy of Engineers.
Madrid.....	MDQ	125	.....	Variable.	Government.
Matagorda.....		12	.....	70	Private.
Monorca Island ¹					Government.
San Antonio ¹					Do.
Vilano.....	MVG				Do.
SWEDEN.					
Farosund Gotland.....				350	Government.

¹ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
SWEDEN—Continued.					
Goteborg.....	GSG	.....	.....	1600, 21,000–1,500.	Government.
Karlskrona.....	GSK	300	.....	600	Do.
Stockholm.....	.....	125	.....	350	Do.
Vacholm.....	.....	125	.....	350	Do.
SWITZERLAND.					
Scheidegg-Stockli.....	.....	35	.....	Variable.	Government (Army).
TOBAGO.					
South Coast.....	TOG	85	.....	600	Government.
TONKIN.					
Hanoi.....	.....	95	.....	.....	Government (Army).
Phu-lion.....	.....	95	.....	.....	Do.
TRINIDAD.					
High Post.....	HP	.....	.....	.....	Commercial.
North Post.....	NPG	85	.....	600	Government.
Port of Spain.....	PS	.....	.....	600	Do.
TRIPOLI.					
Derna.....	.....	500	.....	780	Government.
TUNIS.					
Bizerta.....	TZF	.....	.....	.....	French Government.
TURKEY.					
Djidda ³.....	.....	.....	.....	.....	Government.
Guslemish.....	.....	470	.....	Variable.	Do.
Medina ³.....	.....	.....	.....	.....	Do.
Patara.....	.....	500	.....	780	Do.
Yambo ³.....	.....	.....	.....	.....	Do.
URUGUAY.					
Montevideo.....	MVD	270	.....	450, 600, 800	Commercial.
Punta del Este.....	MMO	540	.....	600, 1, 700	Do.
VENEZUELA.					
Caracas ¹.....	.....	.....	.....	.....	Government.

¹ Receiving.² Sending.³ Projected.

Wireless telegraph shore stations of the world—Continued.

Name and location of station.	Call letters.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.	Character of station.
VENEZUELA—Continued.					
Coche ¹					Government.
Cumana ¹					Do.
Isla de Margarita ¹					Do.
La Guaira ¹					Do.
Puerto Cabello ¹					Do.
ZANZIBAR.					
Pemba.....	PMB	85		600	Government.
Zanzibar.....	ZAR	85		600	Do.

¹ Projected.

**SHORE STATIONS OF THE UNITED
STATES NAVY.**

(39)

SHORE STATIONS OF THE UNITED STATES NAVY.

Name of station.	Call letters.	Power in kilowatts.	Wave length in meters.
Cape Elizabeth, Me.....	NAB	4	1, 000
Portsmouth, N. H. (navy yard).....	NAC	2	1, 000
Boston, Mass. (navy yard).....	NAD	5	1, 000
Cape Cod, North Truro, Mass.....	NAE	5	1, 000
Nantucket Shoals lightship.....	NLA	2	400
Newport, R. I. (torpedo station).....	NAF	5	1, 000
Fire Island, N. Y.....	NAG	7	1, 000
Brooklyn, N. Y. (navy yard).....	NAH	15	1, 000
Philadelphia, Pa. (navy yard).....	NAI	3	1, 000
Cape Henlopen, Lewes, Del.....	NAJ	2	1, 000
Annapolis, Md. (Naval Academy).....	NAK	2	1, 000
Washington, D. C. (navy yard).....	NAL	5	1, 000
Arlington, Va. ¹	NAV	100	.....
Norfolk, Va. (navy yard).....	NAM	5	1, 000
Diamond Shoals lightship.....	NLB	1	400
Beaufort, N. C.....	NAN	5	1, 000
Charleston, S. C. (navy yard).....	NAO	5	1, 000
Frying Pan Shoals lightship.....	NLC	2	400
St. Augustine, Fla.....	NAP	2	1, 000
Jupiter, Fla.....	NAQ	5	1, 000
Key West, Fla. (naval station).....	NAR	25 and 2	1, 000- 2, 000
Pensacola, Fla. (naval station).....	NAS	5	1, 000
New Orleans, La. (naval station).....	NAT	5	1, 000
San Juan, P. R.....	NAU	5	1, 000
Guantanamo, Cuba (naval station).....	NAW	5	1, 000

¹ Under construction.

Shore stations of the United States Navy—Continued.

Name of station.	Call letters.	Power in kilowatts.	Wave length in meters.
Colon, Isthmian Canal Zone.....	NAX	25 and 2	1, 400
Porto Bello, Isthmian Canal Zone.....	NAY	5	600
Pribilof Islands, Alaska.....	NPQ	3	1, 000
Unalaska, Alaska.....	NPR	5	1, 000
Unalga Island, Alaska ¹	NPV	10	1, 000
Kodiak, Alaska.....	NPS	3	1, 000
Cordova, Alaska.....	NPA	10	1, 000
Sitka, Alaska.....	NPB	5	1, 000
Puget Sound, Wash. (navy yard).....	NPC	5	1, 000
Tatoosh Island, Wash.....	NPD	5	1, 000
North Head, Ilwaco, Wash.....	NPE	10	1, 000
Cape Blanco, Denmark, Oreg.....	NPF	5	1, 000
Table Bluff, Loleta, Cal.....	NPG	5	1, 000
Mare Island, Cal. (navy yard).....	NPH	5	1, 000
Farallon Islands, Cal.....	NPI	5	1, 000
Yerba Buena Island, San Francisco, Cal.....	NPJ	2	600
Point Arguello, Surf, Cal.....	NPK	3	1, 000
Point Loma, San Diego, Cal.....	NPL	5	1, 000
Honolulu, Hawaii (naval station).....	NPM	2	450
Guam, Marianas (naval station).....	NPN	3	300
Cavite, P. I. (naval station).....	NPO	2	1, 000
Olongapo, P. I. (naval station) ²	NPT	5	1, 000

¹ Projected.² Under construction.

VESSELS OF THE UNITED STATES NAVY.

(43)

VESSELS OF THE UNITED STATES NAVY.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NBA	Abarenda.....		
NBC	Accomac.....		
NBD	Active.....		
NBE	Adams.....		
NBG	Aileen (Rhode Island Naval Militia).....	300	
NBH	Ajax.....	600	
NBI	Alabama.....	600	1½
NBJ	Albany.....	600	2
NBK	Albatross.....		
NBL	Alert.....	300	
NBM	Alexander.....		
NBN	Alice.....		
NBO	Alvarado.....		
NBP	Ammen.....	600	1
NBQ	Amphitrite.....		
NBR	Annapolis.....		
NBS	Apache.....		
NBU	Arethusa.....		
NBV	Arkansas.....		
NBW	Atlanta.....		
NBX	Aylwin.....		
NBY	Balch.....		
NCE	Bagley.....		
NCF	Bailey.....	600	2
NCG	Bainbridge.....	600	2
NCH	Baltimore.....	600	

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NCI	Barney.....		
NCK	Barry.....	600	2
NCL	Beale.....		
NCJ	Benham.....		
NCM	Biddle.....		
NCN	Birmingham.....	600	5
NCO	Blakely.....		
NCQ	Boston.....		
NCR	Boxer.....		
NCS	Brooklyn.....		
NCT	Brutus.....	600	2
NCU	Buffalo.....	600	2
NCV	Burrows.....	600	2
NCY	Cæsar.....	600	3
NCZ	California.....	600	3
NCX	Callao.....		
NDP	Cassin.....		
NDA	Castine.....	600	1½
NDB	Celtic.....	600	2
NDC	Charleston.....		
NDE	Chattanooga.....	600	2
NDF	Chauncey.....	600	2
NDG	Chester.....	600	5
NDH	Cheyenne.....	300	
NDI	Chicago (Massachusetts Naval Militia).....	600	2
NDJ	Chickasaw.....		
NDK	Choctaw.....		
NDL	Cincinnati.....	600	2
NDM	Cleveland.....	600	2
NDN	Colorado.....	600	
NDO	Columbia.....		

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NDQ	Connecticut.....	600	3
NDR	Constellation.....		
NDS	Constitution.....		
NDT	Craven.....		
NDU	Culgoa.....	600	3
NDV	Cumberland.....		
NDW	Cummings.....		
NDY	Cushing.....		
NDY	Cyclops.....	600	2
NEG	Dahlgren.....		
NEH	Dale.....	600	2
NEI	Davis.....		
NEJ	Decatur.....	600	2
NEK	Delaware.....	600	2
NEL	De Long.....		
NEM	Denver.....	600	2
NEN	Des Moines.....	600	2
NEP	Dixie.....	600	3
NEQ	Dolphin.....	600	1
NER	Don Juan de Austria (Michigan Naval Militia).....	600	1
NES	Dorothea (Ohio Naval Militia).....	300	1
NEX	Downes.....		
NET	Drayton.....	600	2
NEU	Dubuque (Illinois Naval Militia).....	600	1
NEW	Duncan.....		
NEV	Du Pont.....		
NFC	Eagle.....	300	1
NFE	Elcano.....	600	
NFG	Elfrida.....		
NFI	Ericsson.....		

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NFJ	Essex (Ohio Naval Militia).....	300	1
NFM	Fanning.....		
NFP	Farragut.....	300	
NFQ	Fish Hawk.....		
NFR	Florida.....	600	5
NFS	Flusser.....	600	2
NFT	Foote.....		
NFU	Fortune.....		
NFV	Fox.....		
NFW	Franklin.....		
NFX	Frolic.....		
NGD	Galveston.....	600	2
NGE	General Alava.....		
NGF	Georgia.....	600	2
NGH	Glacier.....	600	2
NGI	Gloucester (New York Naval Militia).....	300	2
NGJ	Goldsborough.....	300	2
NGK	Gopher (Minnesota Naval Militia).....	300	1
NGN	Gwin.....		
NGT	Hancock.....		
NGU	Hannibal.....	600	2
NGV	Hartford.....	600	
NGW	Hawk (New York Naval Militia).....	300	1
NGX	Hector.....	600	2
NGY	Helena.....	600	
NGZ	Hercules.....		
NHA	Henley.....		
NHC	Hopkins.....	600	1
NHD	Hornet.....		
NHE	Hull.....	600	1

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NHF	Huntress.....		
NHN	Idaho.....	600	5
NHO	Illinois.....	600	
NHP	Independence.....		
NHQ	Indiana.....	600	2
NHR	Intrepid.....		
NHT	Iowa.....	600	2
NHU	Iris.....	600	
NHV	Iroquois.....	300	
NHW	Isla de Cuba (Maryland Naval Militia).....	300	2
NHX	Isla de Luzon.....		
NHY	Iwana.....		
NIA	Jamestown.....		
NIB	Jarvis.....		
NIC	Jason.....		
NID	Jenkins.....		
NIE	Jouett.....		
NIF	Jupiter.....	600	2
NIG	Justin.....	600	2
NIO	Kansas.....	600	5
NIP	Kearsarge.....	600	2
NIQ	Kentucky.....	600	2
NIW	Lamson.....	600	2
NIX	Lancaster.....		
NIY	Lawrence.....	600	2
NIZ	Lebanon.....	600	2
NJA	Leonidas.....	600	2
NJC	Locust.....		
NJB	Louisiana.....	600	3
NJH	Macdonough.....	600	2

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NJI	Machias (Connecticut Naval Militia).....	600	2
NJK	Mackenzie.....		
NJL	Maine.....	600	1½
NJM	Manila.....		
NJN	Manly.....		
NJO	Marblehead (California Naval Militia).....	600	
NJQ	Marietta.....	600	1
NJR	Mars.....	600	2
NJS	Maryland.....	600	1½
NJT	Massachusetts.....	600	
NKB	Massasoit.....		
NJU	Mayrant.....	600	2
NJV	Mayflower.....	600	5
NJW	McCall.....	600	2
NJX	McKee.....		
NJY	Miantonomoh.....		
NJZ	Michigan.....	600	5
NKA	Milwaukee.....	600	2
NKC	Minneapolis.....		
NKD	Minnesota.....	600	3
NKE	Mississippi.....	600	5
NKF	Missouri.....	600	2
NKB	Modoc.....		
NKH	Mohawk.....		
NKI	Mohican.....		
NKG	Monocacy.....		
NKJ	Monadnock.....		
NKL	Monaghan.....	600	2
NKM	Montana.....	600	5
NKN	Monterey.....	600	

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NKO	Montgomery.....	600	2
NKP	Morris.....		
NKV	Nanshan.....	600	2
NKW	Narkeeta.....		
NKY	Nashville.....	600	
NKZ	Navajo.....	300	
NMA	Nebraska.....	600	3
NMS	Neptune.....	600	
NMJ	Nereus.....		
NMB	Nero.....	600	
NMC	Nevada.....		
NMD	Newark.....		
NME	New Hampshire.....	600	5
NMF	New Jersey.....	600	3
NMG	New Orleans.....	600	2½
NMH	Newport (New York nautical school ship).....	600	
NMK	New York.....		
NML	Niagara.....		
NMR	Nipsic.....		
NMN	North Carolina.....	600	5
NMO	North Dakota.....	600	5
NMW	Ohio.....	600	2
NMP	Oklahoma.....		
NMX	Olympia.....	600	2
NMQ	Omaha.....		
NMY	Oneida.....		
NMZ	Oregon.....	600	
NOC	Orion.....		
NOA	Osceola.....	300	
NOB	Ozark (District of Columbia Naval Militia).....	300	2

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NOG	Paducah.....	600	1
NOH	Pampanga.....		
NOI	Panay.....		
NOJ	Panther.....	600	2½
NOF	Parker.....		
NOK	Patterson.....	600	2
NOL	Patapsco.....	300	
NOM	Patuxent.....	300	
NON	Paulding.....	600	2
NOP	Paul Jones.....	600	1
NOQ	Pawnee.....		
NOR	Pawtucket.....		
NOS	Penacock.....		
NOT	Pennsylvania.....	600	2
NOU	Pensacola.....		
NOV	Pentucket.....		
NOW	Peoria.....		
NOX	Perkins.....	600	2
NOY	Perry.....	600	2
NOZ	Petrel.....	600	
NQA	Philadelphia.....		
NQD	Piscataqua.....		
NQF	Pompey.....	600	2
NQG	Pontiac.....		
NQI	Porter.....		
NQJ	Portsmouth.....		
NQK	Potomac.....		
NQL	Powhatan.....		
NQM	Prairie.....	600	2
NQN	Preble.....	600	2
NQO	Preston.....	600	2

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NQP	Princeton	600	.....
NQR	Prometheus	600	2
NQT	Proteus . . . . .	.....	.....
NQS	Puritan . . . . .	.....	.....
NQW	Quiros . . . . .	.....	.....
NRA	Rainbow	600	2
NRB	Raleigh	600	2
NRC	Ranger (Massachusetts nautical school ship)	600	.....
NRD	Rapido . . . . .	.....	.....
NRE	Reid	600	2
NRF	Reina Mercedes . . . . .	.....	.....
NRG	Relief . . . . .	.....	.....
NRH	Restless . . . . .	.....	.....
NRI	Rhode Island	600	1½
NRJ	Richmond . . . . .	.....	.....
NRK	Rocket . . . . .	.....	.....
NRL	Rodgers . . . . .	.....	.....
NRM	Roe	600	2
NRN	Rowan . . . . .	.....	.....
NRY	Sacramento . . . . .	.....	.....
NRZ	Salem	600	5
NSB	Samar . . . . .	.....	.....
NSC	Samoset . . . . .	.....	.....
NSD	Sandoval (New York Naval Militia)	300	1
NSE	San Francisco	600	.....
NMI	Saratoga	600	5
NSF	Saturn	600	2
NSG	Scorpion	600	1½
NSI	Sebago . . . . .	.....	.....
NSJ	Severn . . . . .	.....	.....

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NSL	Shubrick.....		
NSM	Sioux.....		
NSQ	Smith.....	600	2
NST	Solace.....	600	2
NSU	Somers.....		
NSV	Sotoyomo.....		
NSW	South Carolina.....	600	5
NSX	South Dakota.....	600	3
NSY	Southery.....		
NSZ	Standish.....		
NTA	Sterling.....		
NTB	Sterrett.....	600	2
NTC	Stewart.....	600	
NTF	St. Louis.....	600	3
NTG	Stockton.....		
NTH	Stranger.....		
NTI	Stringham.....	600	2
NTK	Supply.....	600	2½
NTL	Sylph.....		
NTM	Sylvia.....		
NUA	Tacoma.....	600	2
NUB	Talbot.....		
NUC	Tallahassee.....	300	
NUF	Tecumseh.....		
NUG	Tennessee.....	600	3
NUH	Terror.....		
NUI	Terry.....	600	2
NUJ	Texas.....		
NUK	Thornton.....		
NUM	Tingey.....		

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NUN	Tonopah (New Jersey Naval Militia).....	300	2
NUO	Topeka.....		
NUP	Traffic.....		
NUV	Transfer.....		
NUQ	Trippe.....	600	
NUR	Triton.....		
NUS	Truxtun.....	600	2
NVC	Unadilla.....		
NVD	Uncas.....		
NVE	Utah.....	600	5
NVK	Vermont.....	600	3
NVL	Vestal.....	600	2
NVM	Vesuvius.....	600	
NVN	Vicksburg.....	600	
NVO	Vigilant.....		
NVP	Villalobos.....		
NVR	Virginia.....	600	3
NVS	Vixen.....	300	2
NVT	Vulcan.....	600	2
NWA	Waban.....		
NWB	Wabash.....		
NWC	Wahneta.....		
NWL	Walke.....	600	2
NWD	Warrington.....	600	2
NWE	Washington.....	600	3
NWF	Wasp.....		
NWG	West Virginia.....	600	2
NWH	Wheeling.....	600	2½
NWI	Whipple.....	600	1
NWJ	Wilkes.....		

Vessels of the United States Navy—Continued.

Call letters.	Name of ship.	Wave length in meters.	Power in kilowatts.
NWK	Wilmington	600	2
NWM	Wisconsin	600	3
NWN	Wolverine (Pennsylvania Naval Militia).....	300	1
NWO	Wompatuck.....		
NWP	Worden.....	600	2
NWQ	Wyoming.....		
NXA	Yankee.....		
NXB	Yankton.....	600	1
NXC	Yantic (Michigan Naval Militia).....	300	1
NXD	Yorktown.....	600	2½
NXE	Yosemite.....		

STATIONS OF THE UNITED STATES ARMY.

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STATIONS OF THE UNITED STATES ARMY.

Name of station.	Call letters.	Power in kilowatts.	Whether open to public service.
UNITED STATES.			
Fort Levett, Me.	FV	1	Not open to public service.
Fort Andrews, Mass.	FC	1	Do.
Fort H. G. Wright, N. Y.	FW	1	Do.
Fort Totten, N. Y.	FT	$\frac{1}{2}$	Do.
Fort Wood, N. Y.	FD	3	Do.
Fort Hancock, N. J.	FN	1	Do.
Washington, D. C. (Signal Corps Laboratory).	SC	3	Do.
Washington, D. C. (Bureau of Standards).	BS	2	Do.
Fort Monroe, Va.	FO	1	Do.
Fort Monroe, Va. (Coast Artillery School). ¹	CAS	2	Do.
Fort Sam Houston, Tex. ²	SA	10	Do.
Fort Leavenworth, Kans.	FL	3	Do.
Fort Riley, Kans.	FZ	3	Do.
Fort Omaha, Nebr.	FS	3	Do.
Fort Worden, Wash.	FX	1	Do.
Fort Stevens, Oreg.	FJ	1	Do.
San Francisco, Cal. (Presidio).	PS	1	Do.
ALASKA.			
Circle City.	FK	3	Open to public service.
Fairbanks.	FB	5	Do.
Fort Egbert.	FQ	5	Do.
Fort Gibbon.	FG	10	Do.
Fort St. Michael.	FM	3	Do.
Kotlik.	FE	1	Do.
Nome.	FD	10	Do.
Nulato.	FU	10	Do.
Petersburg.	FP	1	Do.
Wrangell.	FW	1	Do.

¹ Under construction.

² Projected.

Stations of the United States Army—Continued.

Name of station.	Call letters.	Power in kilowatts.	Whether open to public service.
PHILIPPINE ISLANDS.			
Corregidor Island.....	FH	10	Not open to public service.
Fort Drumm.....	PIB	$\frac{1}{8}$	Do.
Fort Frank.....	PIA	$\frac{1}{8}$	Do.
Fort William McKinley.....	PID	$\frac{1}{4}$	Do.
Fort Wint.....	PIC	1	Do.
Manila.....	PN	1	Do.
UNITED STATES ARMY TRANSPORT SERVICE.			
Buford.....	ATB	2	Open to public service.
Cook.....	ATC	2	Do.
Dix.....	ATD	2	Do.
Kilpatrick.....	ATK	2	Do.
Liscum.....	ATM	2	Do.
Logan.....	ATL	3	Do.
Sheridan.....	ATS	3	Do.
Sherman.....	ATR	3	Do.
Sumner.....	ATH	3	Do.
Thomas.....	ATU	3	Do.
Warren.....	ATW	2	Do.
CABLE SHIPS.			
Burnside.....	BS	3	Not open to public service.
Field.....	FA	2	Do.
Joseph Henry.....	FR	2	Do.
ARTILLERY HARBOR TUGS.			
Anderson.....	ADN	$\frac{1}{8}$	Not open to public service.
Capt. Rowell.....	RW	$\frac{1}{8}$	Do.
Gen. A. M. Randol.....	OR	$\frac{1}{8}$	Do.
Gen. Harvey Brown.....	HB	$\frac{1}{2}$	Do.
Gen. R. B. Ayres.....	FY	$\frac{1}{8}$	Do.
James Fornance.....	ASF	$\frac{1}{8}$	Do.
Reno.....	X	$\frac{1}{2}$	Do.

REVENUE CUTTERS.

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REVENUE CUTTERS.

Name of ship.	Call letter.	Power in kilowatts.	Wave length in meters.
Acushnet.....	RCU	1	260
Algonquin.....	RCA	2	360
Androscoggin.....	RCD	2	380
Apache.....	RCP	1	470
Bear.....	RCB	2	400
Gresham.....	RCG	2	425
Itasca.....	RCI	2	400
Manning.....	RCN	2	425
McCulloch.....	RCH	2	425
Mohawk.....	RCM	2	425
Onondaga.....	RCO	2	360
Rush.....	RCR	$\frac{1}{2}$	250
Seminole.....	RCS	2	380
Seneca.....	RCE	2	360
Snohomish.....	RCF	1	280
Tahoma.....	RCK	2	360
Thetis.....	RCT	2	500
Tuscarora.....	RCL	1	300
Windom.....	RCW	$\frac{1}{2}$	220
Woodbury.....	RCJ	$\frac{1}{2}$	240
Yamacraw.....	RCY	2	340

**VESSEL OF DEPARTMENT OF COMMERCE
AND LABOR.**

19048°—12—5

(65)

VESSEL OF DEPARTMENT OF COMMERCE AND LABOR.

Name of station.	Call letters.	Power in kilowatts.
Kukui (lighthouse tender).....	LHA	2

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STEAMSHIPS, TUGS, YACHTS, ETC.

(69)

STEAMSHIPS, TUGS, YACHTS, ETC.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
KD	A. G. Lindsay	Pacific American Fish Co.	500	1	350
OP	A. W. Perry	Plant Line	200	1	300
MWA	Aaro	Wilson Line	320	.....	300, 600
UFF	Abangarez	United Fruit Co.	400	2	500
ABD	Aberdeen	Canadian Government	190	.....	300
MHF	Abdel Kader	Cie Générale Transatlantique.	.....	.....	.....
A2	Acapulca	Pacific Mail S. S. Co.	.....	.....	.....
UJA	Acre	Lloyd Brasileiro S. S. Co.	300	2	440
DAH	Adeline	Hugo Stinnes Line . . .	300	.....	300, 450, 600
XD	Adirondack	Hudson River Day Line.	.....	.....	.....
DAD	Adler	German steamer	250	.....	300, 450, 600
DAL	Admiral	German-East African Line.	600	.....	300, 450, 600
UV	Admiral Dewey	American Mail S. S. Co.	300	2	425
UW	Admiral Farragut . . . . .	.....do.....	300	2	425
AS	Admiral Sampson	Alaska S. S. Co.	300	2	425
UG	Admiral Schley	American Mail S. S. Co.	300	2	425
DTP	Admiral von Tarpitz	North German Lloyd..	250	.....	300
DAW	Adolf Woermann	Woermann Line	600	.....	300, 450, 600
MHC	Adriatic	White Star Line	160	.....	110, 300
MV	Advance	Panama R. R. Co.	300	1	345
MIH	Adventure	Harvey & Co. . . . .	.....	.....	.....
MFU	Aeneas	Alfred Holt & Co.	450	.....	300, 600
MYC	Afric	White Star Line	450	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilo-watts.	Wave length in meters.
MEV	Africa.....	Empreze Nacional de Navacao.	300	.....	300, 450, 600
MFM	Aidan.....	Booth S. S. Co.....	.....	.....	.....
MZE	Akabo.....	Elder Dempster Line.....	.....	.....	.....
YAK	Aki Maru.....	Japan Mail S. S. Co.....	650, 1,100	.....	300
XG	Alabama.....	Baltimore Steam Packet Co.	150	1	350
AB	Alabama.....	Goodrich Transit Co..	100	1	Variable.
UJY	Alagoas.....	Lloyd Brasileiro S. S. Co.	250	1	400
MTQ	Albania.....	.....	.....	.....	.....
HD	Alameda.....	Oceanic S. S. Co.....	300	2	350
AJ	Alamo.....	Mallory S. S. Co.....	300	1	414
XK	Alaska.....	The Fisheries Co.....	100	.....	300
DAB	Albinginia.....	Hamburg - American Atlas Line.	.....	.....	.....
DXW	Alexander Woermann.	Woermann Line.....	325	.....	300, 450, 600
MET	Alfonse XIII.....	Transatlantique Espanola S. S. Co.	250	2	300
RAG	Algerie.....	French steamer.....	270	.....	300, 600
VG	Algonquin.....	Clyde S. S. Co.....	200	1	415
MUL	Alice.....	Austro-American Line	250	.....	300
DAY	Alleghani.....	Hamburg - American Atlas Line.	215	.....	300, 450, 600
Q5	Alleghany.....	Merchants & Miners Line.	250	1	400
DAM	Allemania.....	Hamburg - American Atlas Line.	.....	.....	.....
MA	Allianca.....	Panama R. R. Co.....	300	2	414
BW	Alliance.....	North Pacific S. S. Co.	150	1	425
UFN	Alimirante.....	United Fruit Co.....	400	2	500
DAA	Altai.....	Hamburg - American Atlas Line.	.....	.....	.....
ZQ	Altamaha.....	Brunswick S. S. Co....	350	1	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MAV	Alva.....	Chicago & Duluth Transportation Co.	100	1	Variable.
MBZ	Amazon.....	Royal Mail Steam Packet Co.	170	.....	300, 600
MDR	Ambrose.....	Booth Line.....	250	.....	300, 600
AM	America.....	Booth Transportation Co.	100	1	Variable.
TAC	America Maru.....	Oriental S. S. Co.....	650, 1,100	.....	300
DDR	Amerika.....	Hamburg - American Line.	80	.....	300
AMH	Amphitrate.....	Greek Royal Yacht.....	.....	.....	.....
PQA	Amsterdam.....	Great Eastern Ry. Co.	150	.....	300, 450
MFV	Anchises.....	Alfred Holt & Co.....	250	.....	300, 600
MS	Ancon.....	Panama R. R. Co.....	300	2	400
MOA	Ancona.....	Societe di Navigazione Italia.	430	5	300, 600
MIU	Andorinha.....	Yeoward Bros.....	250	.....	300, 600
A3	Ann Arbor car ferry No. 3.	Ann Arbor R. R. Co..	100	1	Variable.
A4	Ann Arbor car ferry No. 4.	.....do.....	100	1	Variable.
A5	Ann Arbor car ferry No. 5.	.....do.....	100	1	Variable.
DAI	Annie.....	Hugo Stinnes Line....	160	.....	300, 450, 600
MDK	Anselm.....	Booth Line.....	250	.....	300, 600
WP	Antilla.....	Ward Line.....	200	1	445
KA	Antilles.....	Southern Pacific Co...	250	1	410
MJL	Antillian.....	Leyland Line.....	250	.....	300, 600
MEZ	Antonio Lopez.....	Transatlantica Espanola S. S. Co.	270	2	300
MAY	Antony.....	Booth Line.....	85	.....	110, 300
HAR	Antrim.....	Midland Ry. Co.....	130	.....	300, 400
MGA	Aorangi.....	Union S. S. Co. of New Zealand.	300	2	450
VA	Apache.....	Clyde S. S. Co.....	200	1	389

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MMZ	Arabia.....	Peninsular & Oriental Co.	250	.....	300
MFC	Arabic.....	White Star Line.....	160	.....	110, 300
MBN	Aragon.....	Royal Mail Steam Packet Co.	170	.....	300, 600
MBG	Araguaya.....	.....do.....	170	.....	300, 600
VB	Arapahoe.....	Clyde S. S. Co.	200	1	389
MWE	Arawa.....	Shaw Savill & Albion Co.	250	.....	300, 600
MUG	Argentina.....	Austro-American Line	250	.....	300
MVA	Argentina.....	La Veloce Line.....	270	5	300, 600
UV	Argyll.....	Union Oil Co. of California.	300	2	250
HC	Arizona.....	Goodrich Transit Co.	.....	.....	.....
XA	Arizona.....	The Fisheries Co.....	100	.....	300
MQG	Armada Castle.....	Union Castle Line.....	135	.....	300, 600
KY	Arundell.....	Crawford Transportation Co.	100	1	Variable.
MFV	Asconius.....	Alfred Holt & Co.....	250	.....	300, 600
GM	Ascension.....	Standard Oil Co.....	300	2	400
RKB	Ashtabula.....	Pennsylvania & Ontario Transportation Co.	100	1	Variable.
WT	Asia.....	Pacific Mail S. S. Co..	500	1	.....
MKL	Asian.....	Leyland Line.....	250	.....	300, 600
MOO	Assaye.....	Peninsular & Oriental Steam Navigation Co.	250	.....	300, 600
GS	Astral.....	Standard Oil Co.....	200	1	260
MBB	Asturias.....	Royal Mail Steam Packet Co.	170	.....	300
MDU	Atahualpa.....	Iquitos S. S. Co.....	450	.....	300, 600
MAT	Atalanta (private yacht).	George Gould.....	.....	2	.....
UFM	Atenas.....	United Fruit Co.....	400	2	500
MBA	Athenia.....	Donaldson Line.....	250	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MWN	Athenic.....	White Star Line.....	250	.....	300, 600
MTI	Athinai.....	Hellenic Transatlan- tic Line.	250	.....	300
OKA	Atlanta.....	Austro-American Line	325	.....	300
MVL	Atlantian.....	Leyland Line.....	250	.....	300, 600
GN	Atlas.....	Standard Oil Co.....	300	2	400
AMH	Atmah (private yacht).	Baron Edmond de Rothschild.	55	.....	300
RNA	Atrato.....	Royal Mail Steam Packet Co.	300	.....	600
MFT	Augustine.....	Booth S. S. Co.....	250	.....	300, 600
DAB	Augustus B. Wolvin.	Acme S. S. Co.....	.....	.....	.....
MBO	Avon.....	Royal Mail Steam Packet Co.	170	.....	300, 600
YAW	Awa Maru.....	Japan Mail S. S. Co...	650, 1100	.....	300
UJO	Axopock.....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
UJD	Aymore.....	do.....	.....	.....	.....
X2	Aztec.....	Pacific Mail S. S. Co..	.....	.....	.....
UJG	Bahai.....	Lloyd Brasileiro S. S. Co.	250	2	400
MKQ	Ballarat.....	Peninsular & Oriental Line.	.....	.....	300, 600
MIZ	Balmeo.....	Pinillos Line.....	.....	.....	.....
MYZ	Balmes.....	Spanish steamer.....	270	.....	300, 450, 600
BAC	Bacchante (private yacht).	Henri Menier.....	160	.....	300, 600
MPW	Balmoral Castle....	Union Castle Line....	160	.....	300, 600
MBC	Baltic.....	White Star Line.....	85	.....	110, 300
DKS	Barbarossa.....	North German Lloyd..	160	.....	300, 600
BRC	Barcelo.....	Spanish steamer.....	200	.....	300, 600
MKS	Barcelona.....	Pinillos Line.....	270	.....	300, 600
DBA	Barcelona.....	Hamburg-American Line.	215	.....	300, 450, 600
DDJ	Batavia.....	do.....	160	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
BBS	Batavier II.....	Batavier Line.....	135		300, 500
BBT	Batavier III.....	do.....	135		300, 500
BBF	Batavier IV.....	do.....	135		300, 500
BBV	Batavier V.....	do.....	135		300, 500
UBO	Bayardo.....	Wilson Line.....	800	2	600
WD	Bear.....	San Francisco & Portland S. S. Co.	300	2	400
WB	Beaver.....	do.....	300	2	400
MEY	Beira.....	Empreza Nacional de Navagacao.	160		300, 450, 600
RD	Belfast.....	Eastern S. S. Co.....	200	1	360
MIE	Beladventure.....	Harvey & Co.....			
MBQ	Ben-my-Chree.....	Isle of Man Steam Packet Co.	65		300
RNX	Berbice.....	Royal Mail Steam Packet Co.	500	2	600
MKR	Bendigo.....	Peninsular & Oriental S. S. Co.	250		300, 600
DBE	Berengar.....	Roland Line.....	325		300, 450, 600
QH	Berkshire.....	Merchant & Miners Line.	250	1	400
DKB	Berlin.....	North German Lloyd.	215		110, 300, 600
BA	Bermudian.....	Quebec S. S. Co.....	550	2	485
DBD	Berthold.....	German steamer.....	65		300, 600
P9	Bertha.....	Alaska Coast Co.....	300	1	250
UBM	Berwindmoor.....	Havana Coal Co.....	250	2	300, 600
UBV	Berwindvale.....	do.....	250	2	300, 600
DBF	Birkenfels.....	German steamer.....	325		300, 450, 600
SBA	Birma.....	Russian East Asiatic S. S. Co.	450		500
DDB	Blucher.....	Hamburg-American Line.	160		300
MEL	Bohemian.....	Leyland Line.....	160		300, 600
MOB	Bologna.....	Societa di Navigazione Italia.	160		300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
AAB	Bombala.....	Howard Smith & Co..	.....	.....	.....
MIB	Bonadventure.....	Harvey & Co.....	.....	.....	.....
MZB	Bornu.....	Bowing Line.....	250	.....	300
BN	Boston.....	New England Navigation Co.	.....	1	.....
MYT	Boston.....	Dominion Atlantic Ry. & S. S. Co.	.....	.....	.....
DBG	Brandenburg.....	North German Lloyd.	215	.....	300, 450, 600
MVB	Brasile.....	La Veloce Line.....	270	.....	300, 600
UJK	Brazil.....	Lloyd Brazilerio S. S. Co.	250	1	400
AZ	Brazos.....	Mallory S. S. Co.....	300	1	562
EK	Breakwater.....	Portland & Coos Bay S. S. Co.	300	1	225
DBR	Bremen.....	North German Lloyd..	105	.....	300, 450, 600
DBU	Breslau.....	do.....	215	.....	300, 450, 600
MGT	British Sun.....	British Sun Co.....	100	.....	300, 600
MQJ	Briton.....	Union Castle Line....	250	.....	300, 600
BR	Bruce.....	Reid Newfoundland Line.	250	.....	300
PQB	Brussels.....	Great Eastern Ry. Co.	100	.....	300
MBU	Bruxellesville.....	Cie Belce Maritime de Congo.	160	.....	300, 450, 600
MCT	Buccaneer.....	India Rubber Gutta Percha Telegraph Works Co.	100	.....	300, 600
P7	Buckman.....	Alaska Pacific S. S. Co.	300	1	350
MJQ	Buenos Aires.....	Transatlantica Espanola.	250	2	300
ULO	Buffalo.....	Wilson Line.....	800	2	Variable.
DDG	Bulgaria.....	Hamburg - American Line.	160	.....	300, 600
DBW	Bulow.....	North German Lloyd..	325	.....	300, 450, 600
DBM	Burgomaster.....	German East African Line.	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
JB	Bunker Hill.....	Maine S. S. Co.....	200	1	500
MZU	Burutu.....	Elder Dempster Line.	.....	.....	.....
TBY	Buyo Maru.....	Oriental S. S. Co.....	650, 1, 100	.....	300
UVX	Byron.....	Lamport & Holt Line.	500	2	521
DCF	C. F. Tietgen.....	Scandinavian-American Line.	215	2	300, 450, 600
XC	C. W. Morse.....	Hudson River Night Line.	.....	.....	.....
BRF	Cabanal.....	Spanish steamer.....	200	.....	300, 600
BV	Cabrillo.....	Wilmington Trans. Co.	300	1	250
MCS	Cadiz.....	Pinillos Line.....	270	.....	300, 450, 600
MSZ	Caesarea.....	London & South Western Ry.	245	.....	300, 600
MAJ	Calabria.....	Anchor Line.....	450	.....	300, 600
MNU	Caledonia.....	Peninsula & Oriental S. S. Co.	250	.....	300, 600
MAI	Caledonia.....	Anchor Line.....	85	.....	110, 300
MCI	California.....	do.....	85	.....	110, 300
MWH	California.....	Pacific Steam Navigation Co.	200	.....	300, 600
MWL	Californian.....	Leyland Line.....	250	.....	300, 600
MHG	Californie.....	Cie Générale Transatlantique.	160	.....	300, 600
RN	Calvin Austin.....	Eastern S. S. Co.....	200	1	350
UCO	Calypso.....	Wilson Line.....	300	1	300, 600
WU	Camaguey.....	Ward Line.....	200	1	483
MCG	Cambria.....	Telegraph Construction & Maintenance Co.	100	.....	300, 600
KSD	Cambria.....	London & North Western Ry. Co.	170	.....	300, 600
RC	Camden.....	Eastern S. S. Co.....	200	1	360
DHC	Camerones.....	Hamburg-South American Line.	.....	.....	.....
MIO	Cameronia.....	Anchor Line.....	.....	.....	.....
MGU	Campanello.....	.....	.....	.....	.....
MCA	Campania.....	Cunard Line.....	85	.....	110, 300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MRH	Campania.....	Navigazione Generale Italiana.	250	.....	300
MCF	Canada.....	Dominion Line.....	85	.....	110, 300
CTD	Canada.....	Canadian Government	100	.....	300
SCD	Canada Maru.....	Osaka Mercantile S. S. Co.	650	.....	300
MGL	Canadian.....	Leyland Line.....	135	.....	300, 600
MPC	Canopic.....	White Star Line.....	170	.....	300, 600
DCA	Cap Arcona.....	Hamburg-South American Line.	105	.....	300, 450, 600
DCB	Cap Blanco.....	.....do.....	105	.....	300, 450, 600
DCN	Cap Finisterre.....	.....do.....	105	.....	300, 450, 600
DCO	Cap Ortegal.....	.....do.....	105	.....	300, 450, 600
DCR	Cap Roca.....	.....do.....	105	.....	300, 450, 600
DCE	Cap Verde.....	.....do.....	105	.....	300, 450, 600
DCV	Cap Vilano.....	.....do.....	105	.....	300, 450, 600
GB	Capt. A. F. Lucas...	Standard Oil Co.....	300	2	425
DB	Caracas.....	Red "D" Line.....	300	1	450
MHJ	Caravelle.....	Cie Générale Transatlantique.	160	.....	300, 600
MOW	Carisbrook Castle...	Union Castle S. S. Co.	250	.....	300, 600
NC	Carlos.....	J. Homer Fritsch Co..	300	1	350
MAA	Carmania.....	Cunard Line.....	85	.....	110, 300
NC	Carolina.....	Goodrich Transit Co..	100	1	Variable.
CB	Carolina.....	New York & Porto Rico S. S. Co.	300	1	505
MSO	Caroline.....	Cie Générale Transatlantique.	160	.....	300, 600
NR	Caronada.....	Pollard S. S. Co.....	300	1	350
MRA	Caronia.....	Cunard Line.....	85	.....	110, 300
MPA	Carpathia.....	.....do.....	85	.....	110, 300
UFJ	Carrillo.....	United Fruit Co.....	.....	2	700
UFG	Cartago.....	.....do.....	400	2	500

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilo-watts.	Wave length in meters.
MSU	Carthage.....	Cie Générale Transatlantique.	160	.....	300, 600
MHN	Carthaginian.....	Allan Line.....	135	.....	300, 600
MED	Cassandra.....	Donaldson S. S. Line..	250	.....	300, 600
DCC	Cassel.....	North German Lloyd..	215	.....	300, 450, 600
MIS	Catalina.....	Pihillos Line.....	300	1	350
UJV	Ceara.....	Lloyd Brasileiro S. S. Co.	350	1	400
MDA	Cearense.....	Booth Line.....	245	.....	300, 600
MDC	Cedric.....	White Star Line.....	85	.....	110, 300
TB	Ceiba.....	Independent S. S. Co.	300	2	400
UEA	Ceiba	Emerald S. S. Co.....	160	.....	300, 600
MLC	Celtic.....	White Star Line.....	85	.....	110, 300
SD	Centralia.....	Pollard S. S. Co.....	300	1	350
MHL	Cestrian.....	Leyland Line.....	135	.....	300, 600
MCO	Chaco.....	Argentine Govern- ment.	250	.....	300
KC	Chalmette.....	Pollard S. S. Co.....	300	1	350
NV	Charles S. Nelson...	Charles Nelson Co....	300	1	275
MMI	Charles Roux.....	Cie Générale Transatlantique.	160	.....	300, 600
CLS	Charlois.....	American Petroleum Co.	.....	$\frac{1}{2}$	.....
FO	Chattahoochee.....	Ocean S. S. Co.....	350	1	400
NA	Chehalis.....	Sudden & Christenson	300	1	350
PQH	Chelmsford.....	Great Eastern Ry. Co.	215	.....	300, 400, 600
DCZ	Chemnitz.....	North German Lloyd..	200	.....	.....
VK	Cherokee.....	Clyde S. S. Co.....	200	1	356
HN	Chester W. Chapin..	New England Navigation Co.	350	$1\frac{1}{2}$	425
AB	Chicago.....	Chlopeck Fish Co.....	300	1	200
HO	Chicago	Goodrich Transit Co..	100	1	Variable.
MLY	Chicago	Cie Générale Transatlantique.	250	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
SCC	Chicago Maru.....	Osaka Mercantile S. S. Co.	650	.....	300
MCI	Chili.....	Chicago & Duluth Transportation Co.	100	1	Variable.
WA	China.....	Pacific Mail S. S. Co..	300	5	450
MMU	China	Peninsula & Oriental Co.	250	.....	300, 600
BH	Chippewa.....	Inland Navigation Co.	.....	1½	425
TCY	Chiyo Maru.....	Oriental S. S. Co.....	650, 1,100	.....	300
MDD	Christopher.....	Booth Line.....	250	.....	300, 600
KC	Christopher Columbus.	Goodrich Transit Co..	100	1	Variable.
DDC	Cincinnati.....	Hamburg - American Line.	215	.....	110, 300, 600
MVM	Citta di Milano.....	Société de Navigazione Italia.	300	.....	300
MVP	Citti di Torino.....	do.....	300	.....	300
CA	City of Alpena.....	Detroit & Cleveland Navigation Co.	.....	4	.....
FB	City of Atlanta.....	Ocean S. S. Co.....	300	1	430
FJ	City of Augusta.....	do.....	300	1	490
XO	City of Baltimore...	Chesapeake Line.....	150	1	350
AQ	City of Benton Harbor.	Graham & Morton Line.	100	1	Variable.
CF	City of Buffalo.....	Cleveland & Buffalo Transit Co.	100	1	Variable.
PQ	City of Chicago.....	Graham & Morton Line.	100	1	Variable.
CO	City of Cleveland...	Detroit & Cleveland S. S. Co.	350	1	400
FA	City of Columbus...	Ocean S. S. Co.....	300	1	430
CD	City of Detroit.....	Detroit & Cleveland S. S. Co.	100	1	Variable.
CP	City of Erie.....	Cleveland & Buffalo Transit Co.	100	1	Variable.
GF	City of Everett.....	Standard Oil Co.....	200	1	450

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
WE	City of Lowell.....	New England Navigation Co.	.....	½	.....
FC	City of Macon.....	Ocean S. S. Co.....	300	1	410
FD	City of Memphis.....	.....do.....	300	1	415
FY	City of Montgomery.....	.....do.....	300	1	459
XN	City of Norfolk.....	Chesapeake Line.....	150	1	350
M2	City of Panama.....	Pacific Mail S. S. Co..	.....	.....	.....
R2	City of Para.....	.....do.....	.....	.....	.....
XA	City of Philadelphia	Wilmington S. S. Co..	100	1	300
GQ	City of Pueblo.....	Pacific Coast S. S. Co..	300	1	400
JC	City of Racine.....	Goodrich Transit Co..	.....	.....	.....
FH	City of Savannah....	Ocean S. S. Co.....	300	1	442
CG	City of St. Ignace...	Detroit & Cleveland Navigation Co.	100	1	Variable.
FX	City of St. Louis.....	Ocean S. S. Co.....	300	1	414
GA	City of Seattle.....	Pacific Coast S. S. Co.	300	1	225
BX	City of South Haven.	Chicago-South Haven S. S. Co.	100	1	Variable.
S2	City of Sydney.....	Pacific Mail S. S. Co..	.....	.....	.....
Q	City of Taunton.....	New England Navigation Co.	.....	½	.....
GY	City of Topeka.....	Pacific Coast S. S. Co.	.....	1	500
WQ	City of Traverse.....	Graham & Morton Line	100	1½	Variable.
XB	City of Wilmington..	Wilmington S. S. Co..	100	1	500
DCL	Clara Blumenfeldt...	Blumenfeldt Line.....	.....	.....	300, 450, 600
DCS	Clare.....	Hugo Stinnes Line ...	160	.....	300, 450, 600
MDB	Clement.....	Booth Line.....	250	.....	110, 300, 600
DDV	Cleveland.....	Hamburg - American Line.	250	.....	300, 600
RNK	Clyde.....	Royal Mail Steam Packet Co.	300	2	600
CA	Coamo.....	New York & Porto Rico S. S. Co.	300	1	445
DCG	Coburg.....	North German Lloyd.	215	.....	300, 450, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
PQO	Colchester.....	Great Eastern Ry. Co.	100	.....	300
P4	Col. E. L. Drake.....	Standard Oil Co.....	300	2	400
MX	Colon.....	Panama R. R. Co.....	300	2	506
MCL	Colonia.....	Telegraph Construction & Maintenance Co.	170	.....	300
MXL	Colonian.....	Leyland S. S. Co.....	250	.....	300, 345, 600
AF	Colorado.....	Mallory S. S. Co.....	350	1	350
XC	Columbia.....	Chesapeake Line.....	150	1	350
OKC	Columbia.....	Austro-American Line	325	.....	300, 365, 600
MOI	Columbia.....	Anchor Line.....	85	.....	110, 300
AM	Comal.....	do.....	300	1	410
VC	Comanche.....	Clyde S. S. Co.....	200	1	410
CW	Commonwealth.....	New England Navigation Co.	.....	$\frac{1}{2}$	.....
KD	Comus.....	Southern Pacific S. S. Co.	250	1	450
AC	Concho.....	Mallory S. S. Co.....	300	1	389
AF	Concord.....	Colonial Navigation Co.	.....	.....	.....
MYS	Conde Wifredo.....	Pinillos Line.....	270	.....	300
MCU	Connaught.....	City of Dublin Steam Packet Co.	250	.....	300
AAC	Cooma.....	Howard Smith & Co.	.....	.....	.....
PQC	Copenhagen.....	Great Eastern Ry. Co..	150	.....	300, 450
UDC	Coppenname.....	Royal West India Mail	300	2	390
DRC	Corcovado.....	Hamburg - American Line.	.....	.....	.....
MAG	Cordova.....	Lloyd Italiano Line...	270	.....	300, 600
MKN	Corinthian.....	Allan Line.....	135	.....	300, 600
MWT	Corinthic.....	White Star Line.....	250	.....	300, 600
MFJ	Cormorant.....	Western Telegraph Co.	135	.....	300, 600
NR	Coronado.....	Pollard S. S. Co.....	.....	.....	.....
MCN	Corsican.....	Allan Line.....	85	.....	110, 300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
HO	Corwin.....	Western Alaska S. S. Co.	300	1	200
GK	Cottage City.....	Pacific Coast S. S. Co.	250	1½	425
KR	Creole.....	Southern Pacific Co...	250	1	506
QZ	Cretan.....	Merchants & Miners Line.	250	1	400
MRC	Cretic.....	White Star Line.....	170	.....	300
MD	Cristobal.....	Panama R. R. Co.....	300	2	414
GC	Curacao.....	Pacific Coast S. S. Co..	300	1	275
MJU	Curityba.....	Munson S. S. Line.....	.....	2	.....
CV	Currier.....	Cuba Distilling Co....	300	2	576
MGC	Cymric.....	White Star Line.....	85	.....	300
DGK	D. G. Kerr.....	Pittsburg S. S. Co....	100	1	Variable.
DAC	Dacia.....	Roumanian steamer..	270	.....	600
MBM	Danube.....	Royal Mail Steam Packet Co.	250	.....	300, 600
MNI	Delhi.....	Peninsular & Oriental Steam Navigation Co.	250	.....	300, 600
MKG	Delta.....	do.....	250	.....	300, 600
MGK	Demosthenes.....	Aberdeen Line.....	.....	.....	.....
MDE	Denis.....	Booth Line.....	250	.....	300, 600
AD	Denver.....	Mallory S. S. Co.....	300	1	462
MYB	Derbyshire.....	Bibby Line.....	.....	.....	.....
DER	Derflinger.....	North German Lloyd..	325	.....	300, 450, 600
DDE	Deutschland.....	German Antarctic Expedition.	270	.....	300, 450, 600
MOU	Devanha.....	Peninsular & Oriental Steam Navigation Co.	250	.....	300, 600
MDL	Devonian.....	Leyland Line.....	135	.....	300, 600
NL	Diamond Head.....	The Tyee Co.....	300	2	300
UHD	Dictator.....	Bluefields S. S. Co....	300	2	400
DTD	Diedrich.....	German steamer.....	55	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
AU	Dolphin.....	Alaska S. S. Co.	300	1	300
MDF	Dominion.....	Dominion Line.....	55	.....	110, 300
HDG	Donegal.....	Midland Ry. Co.	150	.....	300, 400
MNH	Dongola.....	Peninsular & Oriental Line.	250	.....	300, 600
AT	Dora.....	Alaska S. S. Co.	300	1	200
QD	Dorchester.....	Merchants & Miners Line.	250	1	400
DBB	Dorothy B. Barrett..	G. G. Deering Co.	200	1	.....
CD	Dorothy Bradford...	Cape Cod S. S. Co.....	.....	.....	.....
MQM	Dover Castle.....	Union Castle Line....	250	.....	300, 600
PQD	Dresden.....	Great Eastern Ry. Co..	150	.....	300, 450
MKO	Drumcraig.....	Astral Shipping Co.....	.....	.....	.....
DRD	Druid.....	Canadian Government	100	.....	300
MHO	Duc de Bragance....	Cie Gen. Transatlan-tique.	.....	.....	.....
MAO	Duca d'Aosta.....	Navagazione Generale Italiana.	425	5	300, 600
MAD	Duca Degli Abruzzi..	.....do.....	425	5	300, 600
MAE	Duca di Genova.....	.....do.....	425	5	300, 600
GZD	Duitschland.....	Maatsch Seeland.....	.....	.....	.....
MQO	Dunluce Castle.....	Union Castle Line....	250	.....	300, 600
MPQ	Dunvegan Castle....	.....do.....	250	.....	300, 600
MQN	Durham Castle.....	.....do.....	250	.....	300, 600
CMN	E. A. S. Clarke.....	Cleveland S. S. Co.....	.....	2	.....
FM	E. G. Crosby.....	Crosby Transportation Co.	.....	.....	.....
RGD	Earl Grey.....	Canadian Government	200	.....	300
OS	Eastern States.....	Detroit & Buffalo S. S. Co.	100	1	Variable.
AD	Eastland.....	Eastland Navigation Co.	100	1	Variable.
ES	Easton.....	Booth Transportation Co.	100	1	Variable.

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MQE	Edinburgh Castle...	Union Castle Line....	250	.....	300, 600
DEH	Edmund.....	Hugo Stinnes Line...	160	.....	300, 450, 600
MMG	Egypt.....	Peninsula & Oriental Co.	250	.....	300, 600
DEI	Eisenach.....	North German Lloyd.	200	.....	300, 450, 600
ME	Electra.....	Private yacht.....	100	1	240
MEE	Electra.....	Eastern Telegraph Cable Co.	250	.....	300, 600
DEW	Elenore Woermann.	Woermann Line.....	275	.....	300
DEB	Elkab.....	German steamer.....	325	.....	300, 450, 600
UFA	Ellis.....	United Fruit Co.....	250	2	300
MBT	Elisabethville.....	Cie Belce Maritime de Congo.	160	.....	300, 450, 600
MZI	Elmina.....	Elder Dempster Line.	250	.....	300, 600
EN	El Norte.....	Southern Pacific Co..	.....	1	.....
MRH	Elysia.....	Anchor Line.....	100	.....	300, 600
SEE	Empress.....	South Eastern & Chatham Ry. Co.	80	.....	150, 300
MPB	Empress of Britian..	Canadian Pacific R. R. Co.	85	.....	110, 300
MPG	Empress of China.....	do.....	170	.....	300, 600
MPI	Empress of India.....	do.....	170	.....	300, 600
MPL	Empress of Ireland..	do.....	85	.....	110, 300
MPJ	Empress of Japan.....	do.....	170	.....	300, 600
MEQ	Empress Queen.....	Isle of Man Steam Packet Co.	65	.....	300
GZE	Engeland.....	Maatsch Seeland.....	.....	.....	.....
P1	Enterprise.....	Matson Navigation Co.	300	2	350
UHW	Escondido.....	Bluefields S. S. Co....	300	2	400
USK	Eskimo.....	Wilson Line.....	300	1	600
MSM	Espagne.....	Cie Générale Transatlantique.	160	.....	300, 600
RSN	Espagne.....	French steamer.....	160	.....	300, 600
UFL	Esparta.....	United Fruit Co.....	400	2	650

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
WZ	Esperanza.....	Ward Line.....	200	1	423
QE	Essex.....	Merchants & Miners Line.	250	1	450
SEA	Esthonie.....	Russian-East Asiatic S. S. Co.	350	.....	300
MHQ	Eugene Periere....	Cie Générale Transatlantique.	.....	.....	.....
MUU	Eugenia.....	Austro-American Line	.....	.....	.....
MVE	Europa.....	La Veloce Line.....	430	5	300, 600
KO	Excelsior.....	Southern Pacific S. S. Co.	250	1	514
FBS	F. B. Squire.....	Jenkins S. S. Co.....	.....	.....	.....
MZK	Falaba.....	Elder Dempster Line.	250	.....	300, 600
GF	Falcon.....	Charles Nelson Lumber Co.	300	1	250
N2	Fearless.....	Tacoma Tug & Barge Co.	.....	1	300
ID	Fearless.....	Tyee Co.....	300	1	200
DFL	Field Marshall....	German-East African Line.	325	.....	300, 450, 600
RF	Fifield.....	Higgins & Co.....	.....	1	500
NF	Fifield.....	A. F. Eastbrook Co...	300	1	350
MF	Finance.....	Panama R. R. Co....	200	.....	350
MFD	Finland.....	Red Star Line.....	160	.....	120, 300, 600
MTK	Florence (private yacht).	J. C. Eaton.....	.....	.....	.....
UJW	Florianapolis.....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
MAV	Florida.....	Lloyd Italiano Line..	250	.....	300, 600
XF	Florida.....	Baltimore Steam Packet Co.	150	1	350
MSR	Floride.....	Cie Générale Transatlantique.	160	.....	300, 600
MTK	Florence.....	Private yacht.....	.....	.....	.....
MZL	Florizel.....	Bowring Line.....	170	1½	300, 600
STF	Foam.....	Steam trawl.....	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
RFS	Formosa.....	French steamer.....	270	.....	300, 600
ST	Fort Bragg.....	Higgins & Co.....	1	.....	.....
RFR	France.....	French steamer.....	270	.....	300, 600
OKF	Francesca.....	Austro-American Line	325	.....	300, 365, 600
MDG	Francis.....	Booth Line.....	250	.....	300, 600
UFO	Francisco.....	Wilson Line.....	400	2	600
MEA	Franconia.....	Cunard Line.....	250	.....	300, 600
DAN	Frank H. Peavey...	Peavey S. S. Co.....	.....	.....	.....
DHN	Frank T. Heffelfinger	.....do.....	.....	.....	.....
DFT	Frankfort.....	North German Lloyd..	210	1½	300, 450, 600
DFB	Fred B. Wells.....	Peavey S. S. Co.....	.....	.....	.....
QK	Fredrick.....	Merchant & Miners Line.	250	1	400
DKD	Friederich der Grosse	North German Lloyd..	160	.....	300, 600
MKF	Frisia.....	Koninklijke-Holland-sche Lloyd.	135	.....	300, 600
DFH	Fritz.....	Hugo Stinnes Line....	75	.....	300, 450, 600
MFI	Furnessia.....	Anchor Line.....	85	.....	110, 300
DFB	Furst Bismarck....	Hamburg - American Line.	325	.....	300, 450, 600
MCU	Gaika.....	Union Castle Line....	250	.....	300, 600
MQR	Galeka.....	.....do.....	250	.....	300, 600
MQT	Galician.....	.....do.....	250	.....	300, 600
UGO	Galileo.....	Wilson Line.....	800	2	600
MPY	Galway Castle.....	Union Castle Line....	250	.....	300, 600
DGA	Ganelon.....	Roland Line.....	325	.....	300, 400, 600
MQP	Garth Castle.....	Union Castle Line....	250	.....	300, 600
MQV	Gascon.....	.....do.....	250	.....	300, 600
DGL	General.....	German-East African Line.	325	.....	300, 450, 600
AY	Geo. W. Elder.....	North Pacific S. S. Co.	300	1	250
DUF	Geo. W. Peavey....	Peavey S. S. Co.....	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DKN	George Washington..	North German Lloyd..	215	.....	110, 300, 600
GC	Georgia.....	Goodrich Transit Co..	100	1	Variable.
MQS	German.....	Union Castle Line....	250	.....	300, 600
MGE	Germania.....	Fabre Line.....	250	.....	300, 600
DGW	Gertrude Woermann.	Woermann Line.....	325	.....	300, 450, 600
DGI	Giessen.....	North German Lloyd..	215	.....	300, 450, 600
QY	Gloucester.....	Merchants & Miners Line.	250	1	400
MQZ	Gloucester Castle...	Union Castle Line....	250	.....	300, 600
MYG	Gloucestershire.....	Bibby Line.....	250	.....	300, 600
DGU	Gneisenau.....	North German Lloyd..	325	.....	300, 450, 600
DGN	Goeben.....	.....do.....	325	.....	300, 450, 600
MRQ	Goentoer.....	Rotterdam Lloyd.....	160	.....	300, 450, 600
B3	Goliah.....	Puget Sound Tug-boat Co.	300	1	200
MQW	Goorkha.....	Union Castle Line....	250	.....	300, 600
MQY	Goth.....	.....do.....	250	.....	300, 600
DGT	Gotha.....	North German Lloyd..	215	.....	300, 450, 600
MHD	Gothland.....	Red Star Line.....	160	.....	300, 600
GV	Governor.....	Pacific Coast S. S. Co.	300	2	450
RB	Governor Cobb.....	Eastern S. S. Co.....	200	1	400
RV	Governor Dingley...	.....do.....	200	1	385
UJN	Goyas.....	Lloyd Brazilerio S. S. Co.	250	2	430
DDW	Graf Waldersee.....	Hamburg - American Line.	160	.....	300
MRN	Grampian.....	Allan Line.....	85	.....	110, 300
HV	Grant.....	San Juan Fish Co....	300	1	200
MQQ	Grantully Castle....	Union Castle Line....	250	.....	300, 600
QG	Grecian.....	Merchants & Miners Line.	250	1	400
MFY	Grenada.....	Trinidad Shipping & Trading Co.	.....	2	.....
DGH	Grete.....	Hugo Stinnes Line....	100	.....	300, 450, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MZO	Gromtala.....	Adelaide S. S. Co.....	.....	.....	.....
DKG	Grosser Kurfurst....	North German Lloyd..	215	.....	300, 600
DGO	Grosser von Oldenburg.	North German Sea Cable Co.	160	.....	300, 600
MNG	Grotius.....	Nederland S. S. Co...	250	.....	300, 450, 600
MLA	Guadeloupe.....	Cie Générale Transatlantique.	160	.....	300, 600
UM	Guantanamo.....	Ward Line.....	300	1	580
MWM	Guatemala.....	Pacific Steam Navigation Co.	225	.....	300, 600
MQD	Guelph.....	Union Castle Line....	250	.....	300, 600
MPZ	Guilford Castle....	Union Castle S. S. Co.	225	.....	300, 600
BG	Guinea.....	Quebec S. S. Co.....	300	1	416
CY	Gypsy III.....	Private yacht.....	.....	.....	.....
DBO	H. P. Bope.....	Wolvin Line.....	100	1	Variable.
CMR	H. S. Houlden.....	Cleveland S. S. Co.....	.....	3	.....
MPV	Haakon VII.....	Nordenfjelske Co.....	160	.....	300, 450, 600
DHA	Haimon.....	Roland Line.....	325	.....	300, 450, 600
OX	Halifax.....	Plant Line.....	200	1	350
DDH	Hamburg.....	Hamburg - American Line.	160	.....	300
OA	Hamilton.....	Old Dominion Line...	200	1	500
HN	Hanalie.....	Independent S. S. Co.	300	1	300
DHV	Hanover.....	North German Lloyd..	210	1½	300, 450, 600
DHG	Hapsburg.....	Hamburg - American Line.	325	.....	300, 450, 600
CHA	Harmonic.....	Northern Navigation Co.	.....	4	.....
RH	Harvard.....	Pacific Navigation Co.	300	2	400
HY	Hatuey.....	Cuban revenue cutter.	.....	.....	.....
WH	Havana.....	Ward Line.....	200	1	517
MJH	Haverford.....	American Line.....	135	.....	300, 600
DHH	Heinrich.....	Hugo Stinnes Line...	100	.....	300, 450, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DHB	Helene Blumenfeld.	Blumenfeld Line.....	190	.....	300, 350
DHO	Hellig Olav.....	Scandinavian - American Line.	215	2	300, 450, 600
DHE	Heluan.....	German steamer.....	275	.....	300, 450, 600
XA	Hendrick Hudson ..	Hudson River Day Line.	.....	.....	.....
DHW	Henny Woermann..	Woermann Line.....	300	.....	300, 450, 600
UFH	Heredia.....	United Fruit Co.....	400	2	500
MYA	Herefordshire	Bibby Line.....	.....	.....	.....
UHF	Herman Frasch.....	Union Sulphur Co....	200	1	559
BP	Hermosa.....	Wilmington Transportation Co.	300	1	275
MSN	Hesperian.....	Allan Line.....	100	.....	110, 300
KSC	Hibernia.....	London & Northwestern Ry.	175	.....	300, 600
UHB	Highland Bræ.....	H. & W. Nelson Line..	215	2	300, 600
UHC	Highland Collie.....	.....do.....	215	2	300, 600
UHG	Highland Glen.....	.....do.....	215	2	300, 600
UHI	Highland Pipe.....	.....do.....	215	2	300, 600
UHL	Highland Laddie.....	.....do.....	215	2	300, 600
UHK	Highland Loch.....	.....do.....	215	2	300, 600
UHP	Highland Pride.....	.....do.....	215	2	300, 600
UHR	Highland Rover.....	.....do.....	215	2	300, 600
UHS	Highland Scot.....	.....do.....	215	2	300, 600
UHW	Highland Warrior...	.....do.....	215	2	300, 600
DHI	Hilde.....	Hugo Stinnes Line...	100	.....	300, 450, 600
MDP	Hillary.....	Booth Line.....	250	.....	300, 600
MDM	Hildebrand.....	.....do.....	250	.....	300, 600
P2	Hilonian.....	Matson Navigation Co.	300	2	400
MNY	Himalaya.....	Peninsular & Oriental Steam Navigation Co.	250	.....	300, 600
DHN	Hohenstauffen.....	Hamburg - American Line.	325	.....	300, 450, 600

Steamships, tugs, yachts, etc—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
HO	Hohenzollern.....	Private yacht.....	.....	.....	.....
DHR	Holger.....	Holland Line.....	160	.....	300, 450, 600
NQ	Holland.....	Graham & Morton Line.	100	1	Variable.
MKH	Hollandia.....	Koninklijke-Holland-sche Lloyd.	135	.....	300, 600
DHL	Holstein.....	Roland Line.....	325	.....	300, 450, 600
THN	Hong Kong Maru...	Oriental S. S. Co....	650, 1, 100	.....	300
NW	Honolulan.....	American - Hawaiian S. S. Co.	300	2	400
QJ	Howard.....	Merchants & Miners Line.	250	1	400
ULA	Huallaga.....	Peruvian Dock & S. S. Co.	500	1½	.....
MDV	Huayna.....	Booth Line.....	250	.....	300, 600
MDH	Hubert.....	do.....	250	.....	300, 600
MHS	Hudson.....	Cie Générale Transatlantique.	.....	.....	.....
CMA	Hugh Kennedy.....	Buffalo & Susquehanna S. S. Co.	.....	3	600
HX	Humboldt.....	Humboldt S. S. Co....	300	1	275
VN	Huron.....	Clyde S. S. Co.....	200	1	379
CHN	Huronic.....	Northern Navigation Co.	.....	4	.....
BT	Hyades.....	Matson Navigation Co.	300	1	300
UHG	I. D. Fletcher.....	Coast Transit Co.....	200	1	384
RQ	I. J. Merritt.....	Merritt & Chapman Wrecking Co.	.....	1	.....
UIO	Idaho.....	Wilson Line.....	800	2	600
RIF	Ile-de-France.....	French steamer.....	160	.....	300, 600
YN	Illinois.....	Northern Michigan Transportation Co.	100	1	Variable.
UHC	Imperator.....	Bluefields S. S. Co...	300	2	400
DIR	Imperator.....	Stettiner S. S. Co.....	80	.....	300, 450, 600
ITR	Imperatul Traian...	Roumanian steamer..	270	.....	600
YIB	Inaba Maru.....	Japan Mail S. S. Co...	650, 1, 100	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MID	Inanda	Aberdeen Line	85	.....	110, 300
MMY	India	Peninsula & Oriental Co.	250	.....	300, 600
Q1	Indian	Merchants & Miners Line.	250	1	400
SC	Indiana	Goodrich Transit Co..	100	1	Variable.
MAK	Indiana	Lloyd Italiano Line..	270	.....	300, 600
BI	Indianapolis	Inland Navigation Co.	.....	1½	425
MIK	Inkosi	Aberdeen Line	85	.....	110, 300
MIP	Intaba	do	250	.....	300, 600
SEI	Invicta	Southeastern & Chatham Ry. Co.	80	.....	150, 300
MIL	Iolanda (private yacht).	Morton F. Plant	250	.....	300
MIN	Ionian	Allan Line	135	.....	300, 600
MWI	Ionic	White Star Line	250	.....	300, 600
DC	Iowa	Goodrich Transit Co..	100	1	Variable.
MEI	Iroquis	Anglo-American Oil Co.	85	.....	110, 300
VF	Iroquois	Clyde S. S. Co.	200	1	414
BG	Iroquois	Inland Navigation Co.	300	1	200
MVC	Italia	La Veloce Line	270	.....	300, 600
MAR	Italia	Anchor Line	225	.....	300, 600
QI	Itasca	Merchants & Miners Line.	250	1	400
MIA	Ivernia	Cunard Line	85	.....	300
YIY	Iyo Maru	Japan Mail S. S. Co..	650, 1, 100	.....	300
UJX	Ixis	Lloyd Brasileiro S. S. Co.	.....	.....	.....
SC	J. B. Stetson	Hicks Hauptman Lumber Co.	.....	1	.....
SCF	J. F. Tietgen	Scandinavian - American Line.	250	.....	450
CMJ	J. J. Albright	Cleveland S. S. Co .....	.....	3	.....
CMU	J. J. McWilliams	John Mitchell .....	.....	3	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
BRB	J. J. Sister.....	Spanish steamer.....	200	.....	300, 600
XN	J. L. Lawrence.....	The Fisheries Co.....	100	.....	300
QF	J. M. Guffey.....	J. M. Guffey Petroleum Co.	200	1	350
NU	J. S. Chanslor.....	Associated Transportation Co.	300	2	350
AJA	Jade (pilot steamer).	German Government..	80	.....	300, 600
DJC	James C. Wallace...	Acme S. S. Co.....	.....	.....	.....
DAM	James H. Hoyt.....	Pittsburgh S. S. Co...	100	1	Variable.
DJR	James H. Reed.....	.....do.....	100	1	Variable.
CMH	James Gayley.....	Cleveland S. S. Co....	.....	3	.....
JW	James Whalen.....	Canadian Towing & Wrecking Co.	.....	.....	.....
OC	Jamestown.....	Old Dominion Line...	200	1	330
JBL	Jan Bredel.....	Belgian Government..	55	.....	120
UJF	Javarz.....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
OD	Jefferson.....	Old Dominion Line...	200	1	550
HM	Jefferson.....	Alaska S. S. Co.....	300	1	200
UJA	Johan Bryde.....	Johan Bryde Whaling Co.	300	2	600
BJ	John J. Barlum.....	Postal S. S. Co.....	.....	.....	.....
MEF	John Pender.....	Eastern Telegraph-Cable Co.	135	.....	300, 600
BI	Joseph Pulitzer.....	Portland Pilot Boat...	50	$\frac{1}{2}$	100
CMB	Joseph Sellewood...	Cleveland S. S. Co....	.....	3	.....
TV	Joseph Vacarro.....	Independent S. S. Co.	300	2	400
XW	Joseph Wharton.....	The Fisheries Co.....	100	.....	300
QN	Juanita.....	Merchants & Miners Line.	250	1	400
CJA	Juanita.....	Anchor Line.....	.....	4	.....
HJ	Julia.....	Herrera S. S. Co.....	200	1	350
UJR	Jupiter.....	Lloyd Brasileiro S. S. Co.	250	1	400
YKG	Kaga Maru.....	Japan Mail S. S. Co...	650, 1, 100	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DKM	Kaiser Wilhelm II..	North German Lloyd.	215	.....	300, 600
DKW	Kaiser Wilhelm der Grosse.	.....do.....	215	.....	300, 600
DDA	Kaiserin Augusta Victoria.	Hamburg - American Line.	160	.....	300
YKM	Kamakura Maru....	Japan Mail S. S. Co...	650, 1, 100	.....	300
DUN	Kamerun.....	Hamburg - American Line.	200	.....	300, 450, 600
AX	Kansas City.....	San Francisco & Portland.	180	.....	300
AAN	Kanowna.....	Australasian United Steam Navigation Co.	.....	.....	.....
MZJ	Karina.....	Elder Dempster Line.	250	.....	300, 600
MTJ	Karina (private yacht).	Robert E. Todd.....	.....	2	.....
MVY	Karoola.....	Macilwraith & Mac-eacharn.	.....	.....	.....
SKT	Kasado Maru.....	Osaka Mercantile S. S. Co.	650, 1, 100	.....	300
MRK	Kawi.....	Rotterdam Lloyd.....	160	.....	300, 450, 600
OKY	Kayo Maru.....	K. Oaki.....	650, 1, 100	.....	300
MQF	Kenilworth Castle...	Union Castle Line....	250	.....	300, 600
QL	Kershaw.....	Merchants & Miners Line.	250	1	400
SK	Kilburn.....	C. P. Doe & Co.....	.....	1	.....
MQK	Kildonan Castle....	Union Castle Line....	250	.....	300, 600
SQL	Kinfauns Castle....	.....do.....	250	.....	300, 600
KGH	King Harold.....	Norwegian steamer...	65	.....	300
SOR	King Oscar II.....	Scandinavian-American Line.	250	.....	450
DH	Kingfisher.....	New England Fish Co.	300	1	200
DI	Kingsway.....	Pacific Coal & Transportation Co.	.....	.....	.....
KSM	Kismet (yacht).....	Raymond Hoagland..	.....	.....	400
NI	Klamath.....	Chas. R. McCormick & Co.	300	2	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DST	Kleist.....	North German Lloyd..	270	.....	300, 450, 600
DKC	Kohn.....	do.....	270	.....	300, 450, 600
DKO	Konig Albert.....	do.....	160	.....	300
DFR	Konig Friedrich August.	Hamburg - American Line.	160	.....	300, 450, 600
MNW	Konig, Willem I....	Nederland S. S. Co....	160	.....	300, 450, 600
DDK	Konig Wilhelm II...	Hamburg American Line.	160	.....	300, 400, 600
MNT	Konig Willem III...	Nederland S. S. Co....	160	.....	300, 400, 600
MNL	Konigen der Nederlanden.	do.....	160	.....	300, 450, 600
DKL	Konigen Luise.....	North German Lloyd..	160	.....	300, 600
SZR	Konigin Regentes...	Holland steamer.....	135	.....	300, 500
GZR					
SZW	Konigin Wilhelmina.	do.....	135	.....	300, 500
MZP	Koombana.....	Adelaide S. S. Co.....	.....	.....	.....
WK	Korea.....	Pacific Mail S. S. Co..	300	5	400
BN	Korona.....	Quebec S. S. Co.....	300	1	563
DPZ	Kronprinz.....	German East African Line.	325	.....	300, 450, 600
DKP	Kronprinz Wilhelm.	North German Lloyd..	225	.....	300, 600
DKA	Kronprinzessin Cecilie.	do.....	215	.....	300, 600
DCI	Kronprinzessin Cecilie.	Hamburg - American Line.	325	.....	300, 450, 600
MKD	Kroonland.....	Red Star Line.....	160	.....	300, 600
UWB	Kumeric.....	Bank Line.....	300	2	450
NS	Kvichak.....	Alaska Packers S. S. Co.	300	2	275
AAK	Kyarra.....	Australasian United Steam Navigation Co.	.....	.....	.....
MLB	La Bretagne.....	Cie Générale Transatlantique.	250	.....	300, 600
MLU	La Champagne.....	do.....	250	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
LFL	La Flandre.....	Belgian Government..	55	.....	120
MLG	La Gascoyne.....	Cie Générale Transatlantique.	250	.....	300
MLL	La Lorraine.....	do.....	250	.....	300
MWV	La Marsa.....	Compagnie de Nav. Maxte.	160	.....	300, 600
MLR	La Navarre.....	Cie Générale Transatlantique.	250	.....	300, 600
MLP	La Provence.....	do.....	250	.....	300, 600
RPD	La Rapide.....	Belgian Government..	55	.....	120
MLS	La Savoie.....	Cie Générale Transatlantique.	250	.....	300, 600
AI	La Touche.....	Alaska S. S. Co.....	250	1	250
MLT	La Touraine.....	Cie Générale Transatlantique.	250	.....	300, 600
LRD	Lady Laurier.....	Canadian Government	150	.....	300
MJV	Lagazpi.....	Transatlantica Española S. S. Co.	.....	2	.....
CMS	Lagonda.....	Cleveland S. S. Co....	.....	3	.....
MLN	Lake Champlain....	Canadian Pacific R. R. Co.	85	.....	110, 300
MLE	Lake Erie.....	do.....	85	.....	110, 300
MLM	Lake Manitoba.....	do.....	85	.....	110, 300
MLH	Lake Michigan.....	do.....	85	.....	110, 300
AP	Lampasas.....	Mallory S. S. Co.....	300	1	440
MDS	Lanfranc.....	Booth Line.....	250	.....	300, 600
UD	Lansing.....	Union S. S. Co. of California.	300	2	400
MJD	Lapland.....	Red Star Line.....	160	1½	120, 300, 600
QA	Larimer.....	J. M. Guffey Petroleum Co.	200	1	350
MUR	Laura.....	Austro-American Line.	251	.....	300
MIC	Laurentic.....	White Star Line.....	170	.....	300
MAZ	L'Avenir.....	Belgian Government.	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MRZ	Lazio.....	Navigazione Générale Italiana.	160	.....	300, 600
I2	Leelanaw.....	California & Atlantic S. S. Co.	.....	.....	.....
MYL	Leicestershire.....	Bibby Line.....	200	.....	300, 600
MCV	Leinster.....	City of Dublin Steam Packet Co.	250	.....	300
MEO	Leon XII.....	Transatlantica Espanola S. S. Co.	.....	.....	.....
LPD	Leopold II.....	Belgian Government..	55	.....	120
MBP	Leopoldville.....	Cie Belce Maritime de Congo.	.....	.....	.....
AAL	Levuka.....	Australasian United Steam Navigation Co.	.....	.....	.....
QX	Lexington.....	Merchants & Miners Line.	250	1	400
AS	Lexington.....	Colonial Navigation Co.	.....	.....	.....
QO	Ligonier.....	J. M. Guffey Petroleum Co.	200	1	350
MAL	Liguria.....	Navigazione Générale Italiana.	270	1½	300, 600
MY	Limit, The.....	Whitney Bros. & Co..	100	1	Variable.
UFU	Limon.....	United Fruit Co.....	.....	.....	.....
SLA	Lituania.....	Russian-East Asiatic S. S. Co.	450	.....	500
AL	Loftus Cuddy.....	Cleveland S. S. Co....	.....	3	500
MAB	Lombardia.....	Navigazione Générale Italiana.	270	.....	300, 600
ULC	London City.....	Denaby & Cadeby Main.	135	3	300, 400
HSM	Londonderry.....	Midland Ry. Co.....	130	.....	300, 400
MN	Lorne.....	Puget Sound Tugboat Co.	300	1	200
MLL	Lorraine.....	Cie Générale Transatlantique.	160	.....	300, 600
XQ	Louise.....	Tolchester S. S. Co...	100	1	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MHU	Louisiane.....	Cie Générale Transatlantique.	.....	.....	.....
JBH	Lounger II (yacht)...	J. B. Hammond.....	.....	.....	300
GRV	Lovenorn.....	Danish steamer.....	105	.....	300, 600
UWC	Luceric.....	Bank Line.....	300	2	300, 600
DLW	Lucile Woermann...	Woermann Line.....	270	.....	300, 600
IN	Lucy Neff.....	C. L. Dimon Coast Transit Co.	150	1	428
BLV	Luis Vives.....	Spanish steamer.....	160	.....	300, 600
U2	Lurline.....	Matson Navigation Co.	270	3	350
MAM	Lusiania.....	Lloyd Italiano Line...	270	.....	300, 600
MFA	Lusitania.....	Cunard Line.....	215	.....	110, 300, 600
MEW	Lusitania.....	Empreze Nacional de Navagacao.	160	.....	300, 450, 600
DLO	Lutzow.....	North German Lloyd..	325	.....	300, 450, 600
FZ	Lydonia.....	Private yacht.....	.....	.....	.....
MGB	Lysistrata (private yacht).	J. G. Bennett.....	200	.....	400
NY	M. F. Plant.....	Alaska Pacific S. S. Co.	300	1	225
MML	Macedonia.....	Peninsular & Oriental Co.	250	.....	300, 600
MDT	Macedonia.....	National Steam Navigation Co. of Genoa.	.....	.....	.....
MMB	Mackay-Bennett.....	Commercial Cable Co.	65	.....	110, 300
HW	Mackinaw.....	Schubeck - Hamilton S. S. Co.	.....	1½	425
OG	Madison.....	Old Dominion Line...	200	1	535
MAQ	Madonna.....	Fabre Line.....	160	.....	300, 600
RND	Magdalena.....	Royal Mail Steam Packet Co.	300	2	600
MEH	Magnet.....	Eastern Extension Co.	135	.....	300, 600
DKI	Main.....	North German Lloyd.	160	.....	300, 600
MA	Maine.....	New England Navigation Co.	.....	½	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MGM	Maitai.....	Union S. S. Co. of New Zealand.	300	2	450
MMC	Majestic.....	White Star Line.....	85	.....	110, 300
CMV	Major.....	.....	.....	.....	.....
MKU	Makura.....	Canadian - Australian Royal Mail Line.	300	2	450
MKM	Maleja.....	Peninsular & Oriental Co.	250	.....	300, 600
MMD	Malwa.....	.....do.....	170	.....	300, 600
UJQ	Manaos.....	Lloyd Brasileiro S. S. Co.	250	1	250
MDW	Manco.....	Booth Line.....	250	.....	300, 600
WE	Manchuria.....	Pacific Mail S. S. Co..	300	5	450
MNM	Manitou.....	Atlantic Transport Co.	200	1	350
MN	Manitou.....	North Michigan Transportation Co.	100	1	Variable.
MFE	Mantaro.....	Compania Peruvia de Vapores.	.....	.....	.....
MME	Mantua.....	Peninsular & Oriental Co.	170	.....	300, 600
MEU	Manuel Calvo.....	Transatlantique Espanola.	270	2	300
DM	Maracaibo.....	Red D Line.....	300	1	460
MFZ	Maracus.....	Trinidad Shipping & Trading Co.	.....	2	.....
MKM	Marama.....	Canadian - Australian Royal Mail Line.	300	2	450
MGJ	Marathon.....	Aberdeen Line.....	250	.....	300, 600
MHV	Marechal Bugeand..	Cie Générale Transatlantique.	.....	.....	.....
UMO	Marengo.....	Wilson Line.....	600	2	600
MHT	Marie Henriette.....	Belgian Government..	55	.....	120
UHM	Mariette di Giorgio..	Bluefields S. S. Co....	300	2	400
MZS	Marin Saenz.....	Pinillos Line.....	.....	.....	.....
HK	Mariposa.....	Oceanic S. S. Co.....	250	.....	300, 600
MMR	Marmora.....	Peninsular & Oriental Co.	250	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
UJH	Marnhao.....	Lloyd Brasileiro S. S. Co.	250	1	400
UDW	Marowijine.....	Royal Dutch West India Mail.	300	2	380
MNQ	Marquette.....	Atlantic Transport Co.	160	.....	300, 600
B1	Marquette & Bessemer car ferry, No. 1.	Marquette & Bessemer D. & N. Co.	100	1	Variable.
B2	Marquette & Bessemer car ferry, No. 2.	.....do.....	100	1	Do.
MUW	Martha Washington..	Austro-American Line	250	.....	300
MZS	Marin Saenz.....	Spanish steamer.....	270	.....	300, 450, 600
OW	Mascotte.....	Peninsular & Oriental S. S. Co.	200	1	385
JM	Massachusetts.....	Maine S. S. Co.....	200	1	503
MW	Maurence (private yacht).	Walter W. Massie.....	.....	$\frac{1}{2}$	.....
MGA	Mauretania.....	Cunard Line.....	215	.....	110, 300
GH	Maverick.....	Standard Oil Co.....	300	2	400
MFR	Mayaro.....	Trinidad Shipping & Trading Co.	.....	$1\frac{1}{2}$	.....
SZM	Mecklenberg.....	Holland steamer.....	135	.....	300, 500
MKK	Medic.....	White Star Line.....	170	.....	300, 600
MKP	Medina.....	Peninsular & Oriental Line.	250	.....	300, 600
MZC	Megantic.....	.....do.....	170	.....	300, 600
MZM	Mendi.....	British & African Steam Navigation Co.	250	.....	300, 600
MAF	Mendoza.....	Lloyd Italiano Line...	270	.....	300, 600
DHM	Mendoza.....	H a m b u r g - S o u t h American Line.	250	.....	300
MNE	Menominee.....	Atlantic Transport Line.	160	.....	300, 600
MJM	Merion.....	International Navigation Co.	135	.....	300, 600
QM	Merrimac.....	Merchants & Miners Line.	200	1	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MWJ	Mersey.....	White Star Line.....	250	.....	300, 600
MMV	Mesaba.....	Atlantic Transport Line.	190	.....	300, 600
UFR	Metapan.....	United Fruit Co.....	400	2	500
DMR	Meteor.....	Hamburg - American Line.	160	.....	300, 450, 600
MWG	New Mexico.....	Pacific Steam Navigation Co.	225	.....	300, 600
WX	Mexico.....	Ward Line.....	200	1	553
MHW	Mexico.....	Cie Générale Transatlantique.	.....	.....	.....
OZ	Miami.....	Peninsular & Occidental S. S. Co.	200	1	395
MGS	Miguel M. Pinilles...	Pinillos Line.....	270	.....	300, 450, 600
MK	Millinocket.....	A. H. Bull & Co.....	200	2	440
MGF	Miltiades.....	Aberdeen Line.....	250	.....	300, 600
MLF	Milwaukee.....	Canadian Pacific R. R. Co.	85	.....	110, 300
MOP	Minas.....	Ligure Brasiliana.....	160	.....	300, 600
UWN	Minas Geraes.....	Lloyd Brasileiro S. S. Co.	500	2	466
AND	Minda.....	Anglo-American Telegraph Co.	250	.....	300
XM	Mindora.....	The Fisheries Co.....	100	.....	300
ANM	Minia.....	Anglo-American Telegraph Co.	85	.....	300
MMN	Minneapolis.....	Atlantic Transport Line.	85	.....	110, 300
MMA	Minnehaha.....	.....do.....	85	.....	110, 300
MI	Minnesota.....	Great Northern S. S. Co.	300	2	450
MIN	Minnesota.....	Chicago & Duluth Transportation Co.	100	1	Variable.
MMK	Minnetonka.....	Atlantic Transport Line.	85	.....	300
MMW	Minnewaska.....	.....do.....	215	.....	300
MTD	Minto.....	Canadian Government	150	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
HN	Missouri.....	Northern Michigan Transportation Co.	100	1	Variable.
MJM	Merion.....	American Line.....	250	.....	300
MKA	Moana.....	Canadian - Australian Royal Mail Line.	.....	.....	.....
PU	Mobilla.....	Munson Line.....	.....	.....	.....
MWW	Modjerda.....	Compagnie de Nav. Maxte.	.....	.....	.....
VM	Mohawk.....	Clyde S. S. Co.....	200	1	460
MO	Mohawk.....	New England Navigation Co.	.....	.....	.....
MQ	Mohegan.....	do.....	.....	.....	.....
MMH	Moldavia.....	Peninsular & Oriental S. S. Co.	250	.....	300
DIM	Moltke.....	Hamburg - American Line.	160	.....	300
KM	Momus.....	Southern Pacific Co...	250	1	391
GTS	Monarch.....	British steamer.....	100	.....	300
WN	Mongolia.....	Pacific Mail S. S. Co..	300	5	450
MMJ	Mongolia.....	Peninsular & Oriental S. S. Co.	250	.....	300
MON	Mongolian.....	Allan Line.....	135	.....	300
MGV	Monmouth.....	Canadian Pacific R. R. Co.	85	.....	300
OM	Monroe.....	Old Dominion Line...	200	1	252
MG	Montauk.....	Montauk Steamboat Co.	.....	.....	.....
MLD	Montcalm.....	Canadian Government	150	.....	300
MLZ	Montcalm	Canadian Pacific R. R. Co.	85	.....	300
MPF	Monteagle.....	do.....	250	.....	300
WY	Monterey.....	Ward Line.....	200	1	414
MJP	Montevideo.....	Transatlantica Espanola S. S. Co.	.....	.....	.....
MLK	Montezuma.....	Canadian Pacific R. R. Co.	85	.....	300
MLW	Montfort	do	85	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MLI	Montreal.....	Canadian Pacific R. R. Co.	85	.....	300
MHZ	Montreal.....	Cie Générale Transatlantique.	160	.....	300, 600
MLJ	Montrose.....	Canadian Pacific R. R. Co.	85	.....	300
MJO	Montserrat.....	Transatlantica Española.	110	2	300
MMM	Mooltan.....	Peninsular & Oriental S. S. Co.	250	.....	300
MGG	Moravian.....	Aberdeen Line.....	.....	.....	.....
PM	Morgan.....	.....	250	.....	300, 600
WC	Morro Castle.....	Ward Line.....	200	1	501
CMG	Moses Taylor.....	Cleveland S. S. Co.....	.....	3	.....
MMF	Morea.....	Peninsular & Oriental S. S. Co.	170	.....	300
WC	Morro Castle.....	Ward Line.....	200	.....	350
DOA	Moekwa.....	Russian Volunteer Fleet.	.....	.....	.....
MLO	Mount Royal.....	Canadian Pacific R. R. Co.	85	.....	300
MLQ	Mount Temple.....	.....do.....	85	.....	300
PQM	Munich.....	Great Eastern Ry. Co.	150	.....	300
MCQ	Munster.....	City of Dublin Steam Packet Co.	250	.....	300
RMU	Mustapha.....	French steamer.....	160	.....	300
CMQ	N. A. Hanna.....	Cleveland S. S. Co.....	.....	3	.....
FP	Nacoochee.....	Ocean S. S. Co.....	300	1	410
BQ	Nann Smith.....	C. A. Smith Lumber Co.	300	2	400
QU	Nantucket.....	Merchants & Miners Line.	250	1	400
FG	Naomi.....	Crosby Transportation Co.	.....	.....	.....
MEC	Narragansett.....	Anglo-American Oil Co.	85	.....	110, 300
MEN	Navahoe.....	.....do.....	85	.....	110, 300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
G2	Navajo.....	California & Atlantic S. S. Co.	.....	.....	.....
DNV	Navarra.....	Hamburg - American Line.	325	.....	300, 450, 600
DKK	Neckar.....	North German Lloyd..	160	.....	300, 600
ZU	Nederland.....	Maatsch Seeland.....	.....	.....	.....
DNA	Negada.....	German steamer.....	325	.....	300, 450, 600
DAN	Neubau.....	German-East African Line.	.....	.....	.....
MHB	New Amsterdam ...	Holland-American Line.	160	1½	120, 300, 600
NS	New Hampshire....	New England Navigation Co.	.....	½	.....
NJ	New Jersey.....	Sandy Hook Pilots Association.	100	1	430
MV	New Haven.....	New England Navigation Co.	.....	½	.....
Q9	New Orleans.....	Merchants & Miners Line.	250	1	400
NK	New York.....	Sandy Hook Pilots Association.	100	1	389
MNK	New York.....	American Line.....	250	2	300
MIF	Newfoundland....	Harvey & Co.....	.....	.....	.....
N2	Newport.....	Pacific Mail S. S. Co.	.....	.....	.....
MSQ	Niagara.....	Cie Générale Transatlantique.	250	.....	300, 600
MAN	Niagara (private yacht).	Howard Gould.....	.....	2	.....
MZF	Nigeria.....	Elder Dempster Line.	.....	.....	.....
RNJ	Nile.....	Royal Mail Steam Packet Co.	300	2	600
TNP	Nippon Maru.....	Oriental S. S. Co.....	650, 1, 100	.....	300
DNI	Nitokris.....	German steamer.....	325	.....	300, 450, 600
MJS	Noma (private yacht)	J. J. Astor.....	.....	2	.....
SN	Nome City.....	Gray & Holt.....	300	1	350
MYH	Nonsuch.....	Bowles Bros.....	375	.....	300, 600
MHA	Noordam.....	Holland-American Line.	160	.....	110, 300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DNH	Nora.....	Hugo Stinnes Line....	160	.....	300, 450, 600
MVR	Nord America.....	La Veloce Line.....	250	5	300
MOM	Norman.....	Union Castle Line....	250	.....	300, 600
MGH	Norseman.....	Aberdeen Line.....	225	.....	300, 600
MEG	Norseman.....	Eastern Telegraph Cable Co.	135	.....	300, 600
SG	Norwood.....	Sudden & Christensen	.....	.....	.....
ND	Northland.....	Northern S. S. Co....	100	1	Variable.
NX	Northland.....	E. J. Dodge & Co....	300	1	500
JD	North Land.....	Maine S. S. Co.....	200	1	305
JS	North Star.....	do.....	200	1	374
NW	Northwest.....	Northern S. S. Co....	100	1	Variable.
AN	Northwestern.....	Alaska S. S. Co.....	300	2	325
URG	Noruega.....	Norway, Mexico & Gulf S. S. Co.	250	2	480
SG	Norwood.....	Sudden & Christenson	300	1	350
AH	Nueces.....	Mallory Line.....	300	1	362
MNN	Numidian.....	Allan Line.....	135	.....	300, 600
NE	Nushagak.....	Alaska Packers Association.	300	1	250
DM	Nyack.....	Crosby Navigation Co.	.....	.....	.....
SK	Oceana.....	Bermuda & Atlantic S. S. Co.	300	2	615
DSO	Oceana.....	Hamburg-American Line.	260	.....	300, 600
MVO	Oceania.....	La Veloce Line.....	430	5	300
MUO	Oceanic.....	Austro-American Line	250	.....	300
MOC	Oceanic.....	White Star Line.....	85	.....	110, 300
ZU	Ocmulgee.....	Brunswick S. S. Co....	350	1	400
ZK	Ogeechee.....	do.....	350	1	400
QB	Oklahoma.....	J. M. Guffey Petroleum Co.	200	1	345
JO	Old Colony.....	Maine S. S. Co.....	200	1	455
UK	Oleum.....	Union Oil Co.....	300	2	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MJT	Olinda	Munson S. S. Line		2	.....
UJI	Olinda	Lloyd Brasileiro S. S. Co.	250	1	400
OV	Olivette	Peninsular & Oriental S. S. Co.	200	1	380
AW	Olympia	Alaska S. S. Co.		1½	425
MKC	Olympic	White Star Line	340	.....	300, 600
MOK	Omrah	Orient Steam Navigation Co.	250	.....	300, 600
Q2	Ontario.....	Merchants & Miners Line.	250	1	400
SEO	Onward	South Eastern & Chatham Ry. Co.	80	.....	300
MRJ	Ophir.....	Rotterdam Lloyd.....	300	.....	160
MNO	Oranje.....	Nederland S. S. Co...	160	.....	300, 450, 600
SZU	Oranje Nassau	do.....	160	.....	300, 500
RNV	Oratava	Royal Mail Steam Packet Co.	300	2	600
MJB	Oravia.....	Pacific Steam Navigation Co.	250	1½	300, 600
MJF	Orcoma	do.....	250	1½	300, 600
MJJ	Oriana.....	do.....	250	1½	300, 600
UJC	Orion.....	Lloyd Brasileiro S. S. Co.	250	1	400
RNO	Orinoco.....	Royal Mail Steam Packet Co.	160	2	300
MJE	Orissa	Pacific Steam Navigation Co.	250	1½	300, 600
MJG	Orita.....	do.....	250	1½	300, 600
MJI	Oronsa	do.....	250	1½	300, 600
MOZ	Orontes	Orient Line.....	250	.....	300, 600
MJA	Oropesa	Pacific Steam Navigation Co.	250	1½	300, 600
RNV	Orotava	Royal Mail Steam Packet Co.	500	2	.....
MJK	Ortega	Pacific Steam Navigation Co.	250	1½	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
UWD	Orteric.....	Bank Line.....	300	2	350
RNQ	Ortona.....	Royal Mail Steam Packet Co.	500	2	600
MOF	Orsova.....	Orient Line.....	250	.....	300, 600
RNU	Oruba.....	Royal Mail Steam Packet Co.	300	2	600
MOJ	Orvieto.....	Orient Line.....	250	.....	300, 600
DOR	Oscar II.....	Scandinavian-American Line	450	2	300, 450, 600
MWO	Oslo.....	Wilson Line.....	170	.....	300, 600
ZB	Ossabow.....	Brunswick S. S. Co.	350	1	400
MOY	Osterley.....	Orient Line.....	250	.....	300, 600
MOD	Otranto.....	.....do.....	250	.....	300, 600
DOH	Otto.....	Hugo Stinnes Line...	100	.....	300, 450, 600
MOH	Otway.....	Orient Line.....	250	.....	300, 600
MYE	Oxfordshire.....	Bibby Line.....	.....	.....	.....
MES	P. de Satrustegui...	Transatlantica Espanola.	250	5	300
MFF	Pachitea.....	Companie Peruvia de Vapores.	.....	1½	.....
GDP	Pacifique (private yacht).	M. Dufayel.....	160	.....	300
DDQ	Pallanza.....	Hamburg-American Line.	300	.....	300, 450, 600
RPP	Pampa.....	French steamer.....	270	.....	300, 600
MH	Panama.....	Panama R. R. Co.....	300	2	430
MWB	Panama.....	Pacific Steam Navigation Co.	225	.....	300, 600
SPM	Panama Maru.....	Osaka Mercantile S. S. Co.	650	.....	300
MDI	Pancras.....	Booth Line.....	250	.....	300, 600
MNA	Pannonia.....	Cunard Line.....	85	.....	110, 300
UJO	Para.....	Lloyd Brazileriro S. S. Co.	250	2	400
RPR	Parana.....	French steamer.....	270	.....	300, 600
BQ	Parima.....	Quebec S. S. Co.....	300	1	560

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MZN	Parisian.....	Allan Line.....	135	.....	300, 600
UFD	Parismina.....	United Fruit Co.....	400	2	500
Q3	Parthian.....	Merchants & Miners Line.	250	1	400
YA	Paraguay.....	Sun Oil Co.....	200	.....	300
RPR	Parona.....	French steamer.....	250	.....	300
Q3	Parthian.....	Merchants & Miners Line.	.....	.....	.....
DDP	Patricia.....	Hamburg-American Line.	160	.....	300
MPT	Patris.....	National Steam Navigation Co.	250	.....	300, 600
MEM	Patrol.....	Eastern Extension Co.	135	.....	300, 600
UW	Pectan.....	Union Oil Co.....	300	2	350
CMF	Pendenis White.....	Cleveland S. S. Co.....	.....	.....	.....
D1	Pendleton Sisters....	Americanschooner....	.....	$\frac{1}{2}$	.....
V2	Pennsylvania.....	Pacific Mail S. S. Co...	.....	.....	.....
AH	Pennsylvania.....	Alaska S. S. Co.....	400	2	425
DDN	Pennsylvania.....	Hamburg-American Line.	160	$\frac{1}{4}$	300
PRR	Pennsylvania R. R. barge 707.	Pennsylvania R. R. Co.	.....	.....	.....
NK	Pequonock.....	New England Navigation Co.	.....	.....	.....
PM5	PereMarquetteNo.5.	Chicago & Duluth Transportation Co.	100	1	Variable.
15	Pere Marquette car ferry No. 15.	Pere Marquette R. R. Co.	100	1	Variable.
17	Pere Marquette car ferry No. 17.	.....do.....	100	1	Variable.
18	Pere Marquette car ferry No. 18.	.....do.....	100	1	Variable.
19	Pere Marquette car ferry No. 19.	.....do.....	100	1	Variable.
20	Pere Marquette car ferry No. 20.	.....do.....	100	1	Variable.
MLV	Perou.....	Cie Générale Transatlantique.	250	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MMQ	Persia	Peninsular & Oriental S. S. Co.	250	.....	300, 600
ULC	Persia	Deneby & Cadely Collieries Mail.	135	.....	300, 600
WV	Persia	Pacific S. S. Co.	300	5	400
QR	Persian	Merchants & Miners Line.	250	1	400
MQC	Persic	White Star Line.	250	.....	300, 600
B2	Peru.	Pacific Mail S. S. Co.	.....	.....	.....
MAW	Perugia.	Anchor Line	250	.....	300, 600
DA	Philadelphia.	Red "D" Line	300	1	398
MPH	Philadelphia	American Line	250	2	350
PDK	Pieter de Coninck.	Belgian Government.	55	.....	120
GM	Pilgrim.	New England Navigation Co.	.....	½	.....
MXS	Pio IX.	Pinillos Line	270	.....	300, 450, 600
DDF	Pisa.	Hamburg-American.	160	.....	300, 450, 600
UFL	Planeta	Lloyd Brasileiro S. S. Co.	.....	.....	.....
MNJ	Plassy.	Peninsular & Oriental Line.	250	.....	300, 600
RLA	Plata	French steamer.	500	.....	300, 450, 600
I2	Pleiades.	California & Atlantic S. S. Co.	.....	.....	.....
HY	Plymouth	New England Navigation Co.	.....	½	.....
DPO	Polynesia.	French steamer.	325	.....	300, 450, 600
CP	Ponce	New York & Porto Rico S. S. Co.	300	1	436
BD	Porter.	Associated Oil Co.	300	2	400
P3	Portland	Alaska Coast Co.	400	1½	425
MHM	Potsdam.	Holland-American Line.	160	.....	300, 450, 600
QP	Powhattan.	Merchants & Miners Line.	250	1	400
RP	Premier.	Merritt & Chapman Wrecking Co.	.....	1	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
GW	President	Pacific Coast S. S. Co.	300	2	350
DPT	President.....	Hamburg-American Line.	200	.....	300, 450, 600
DDS	President Grant.....	do.....	160	.....	300
DDI	President Lincoln.....	do.....	160	.....	300
DHP	Presidente de Min-tre.	Hamburg-South American Line.	.....	.....	.....
DHQ	Presidente Quintana	do.....	.....	.....	.....
UFB	Preston.....	United Fruit Co.....	250	2	300
DDT	Pretoria.....	Hamburg-American Line.	160	.....	300, 600
MFN	Pretorian	Allan Line	135	.....	300, 600
PAL	Prince Albert.....	Belgian Government..	250	.....	300
UPA	Prince Albert.....	Grand Trunk Pacific Co.	300	1	250
MYU	Prince Arthur.....	Dominion Atlantic Ry. & S. S. Co.	250	.....	300, 600
MYV	Prince George.....	do.....	250	.....	300, 600
UPG	Prince George.....	Grand Trunk Pacific Co.	85	.....	300, 600
BJ	Prince George.....	Bermuda-Atlantic S. S. Co.	.....	.....	.....
UPJ	Prince John.....	Grand Trunk Pacific Co.	85	.....	300, 600
UPR	Prince Rupert.....	do.....	85	.....	300
MPK	Princess Adelaide...	Canadian Pacific Ry. Co.	250	.....	300, 600
MGZ	Princess Alice.....	do.....	.....	.....	.....
OB	Princess Anne.....	Old Dominion Line...	200	1	568
CPC	Princess Charlotte...	Canadian Pacific R.R. Co.	300	2	425
CPM	Princess May.....	do.....	300	2	425
MPU	Princess Mary.....	do.....	250	.....	300, 600
CPR	Princess Royal.....	do.....	300	2	425
CPV	Princess Victoria...	do.....	300	2	425

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
PCL	Princesse Clementine	Belgian Government..	55	.....	120
PLB	Princesse Elizabeth.	.....do.....	55	.....	120
PHR	Princesse Henrietta.	.....do.....	55	.....	120
PJS	Princesse Josephine.	.....do.....	55	.....	120
MRP	Principe di Piemonte.	Lloyd Sabaudo.....	160	.....	300, 600
MRV	Principe di 'Udine..	.....do.....	430	1½	300, 600
MRU	Principe Umberto...	Navigazione Generala Italiana.	430	.....	300, 600
MIO	Principesa Iolanda..	Lloyd Sabaudo.....	430	.....	300, 600
MIM	Principesa Mafalda..	.....do.....	540	10	300, 600
PAM	Principesa Maria....	Roumanian Govern- ment.	270	.....	600
SZH	Prins Hendrik.....	Holland steamer.....	135	.....	300, 600
SZA	Prinses Juliana.....	North German Lloyd..	135	.....	300, 600
MNP	Prinses Juliana.....	Nederland S. S. Co...	160	.....	300, 450
DPA	Prinz Adalbert.....	Kiel-Korsor Line.....	55	.....	300, 600
DDZ	Prinz Adalbert.....	Hamburg - American Line.	135	.....	300, 600
DSB	Prinz August Wil- helm.	.....do.....	200	.....	300
DSI	Prinz Eitel Fried- rich.	.....do.....	200	.....	300
DPE	Prinz Eitel Fried- rich.	North German Lloyd.	325	.....	300, 450, 600
DKF	Prinz Freidrich Wil- helm.	.....do.....	160	.....	120, 300, 600
DPB	Prinz Hendrik.....	.....do.....	135	.....	300, 450, 600
DSP	Prinz Joachim.....	Hamburg - American Line.	200	1	300
DPL	Prinz Ludwig.....	North German Lloyd..	325	.....	300, 450, 600
DDO	Prinz Oskar.....	Hamburg - American Line.	135	.....	300
DPG	Prinz Regent.....	German - East African Line.	330	.....	300, 450, 600
DRL	Prinz Regent Luit- pold.	North German Lloyd..	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DSG	Prinz Sigismund....	Hamburg - American Line.	200	.....	300
DPS	Prinz Sigismund....	Kiel-Korsor Line.....	55	.....	300
DPW	Prinz Waldemar.....	.....do.....	50	.....	300
DKZ	Prinzess Alice.....	North German Lloyd..	160	.....	300, 600
DKE	Prinzess Irene.....	.....do.....	160	.....	300, 600
DPN	Prinzessin.....	German East African Line.	325	.....	300, 425, 600
CA	Priscilla.....	New England Navigation Co.	.....	$\frac{1}{2}$	.....
KP	Proteus.....	Southern Pacific S. S. Co.	250	1	445
RPV	Provence.....	French steamer.....	160	.....	300
PV	Providence.....	New England Navigation Co.	.....	$\frac{1}{2}$	.....
UJS	Prudente Moraes....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
RN	Puritan.....	New England Navigation Co.	.....	$\frac{1}{2}$	.....
SQ	Puritan.....	Graham & Morton Line.	100	1	Variable.
CGS	Quadra.....	Canadian Government	100	$\frac{1}{2}$	300
QV	Quantico.....	Merchants & Miners Line.	200	1	400
MII	Quebec.....	Cie Générale Transatlantique.	160	.....	300, 600
GX	Queen.....	Pacific Coast S. S. Co..	300	1	275
SEQ	Queen (The).....	South Eastern & Chatham Ry. Co.	80	.....	300
XQ	Quick Step.....	The Fisheries Co.....	100	.....	300
MWK	Quillota.....	Pacific Steam Navigation Co.	225	.....	300, 600
GO	Ramona.....	Pacific Coast S. S. Co..	300	1	250
JAR	Ragnvald Jarl.....	Norwegian steamer....	160	.....	300, 450, 600
MOR	Ravenna.....	Società di Navigazione Italia.	160	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MEJ	Recorder.....	Eastern Extension Co.	135	.....	300, 600
SU	Redondo.....	C. A. Smith Lumber Co.	300	1	350
MRI	Re d'Italia.....	Lloyd Sabaudo.....	160	.....	300, 600
CAR	Regele Carol I.....	Roumanian steamer...	270	.....	600
MRG	Regina d'Italia.....	Lloyd Sabando	160	.....	300, 600
MRE	Regina Elena.....	do.....	430	.....	300, 600
MEP	Regina Maria Cristina.	Transatlantic Espanola.	.....	2	300
RX	Relay.....	Mexican cable ship...	200	1	310
RJ	Relief (tug).....	Merritt & Chapman Wrecking Co.	200	1	300
MNR	Rembrandt.....	Nederland S. S. Co....	160	.....	300
MKV	Remuera.....	New Zealand Shipping Co.	225	.....	300, 600
RS	Rescue.....	Merritt & Chapman Wrecking Co.	.....	1	.....
IB	Resolute.....	Tyee Co.....	300	1	200
MUP	Re Umberto.....	Ligure Brasiliano.....	160	.....	300, 600
MRO	Re Vittorio.....	Navigazione Generale Italiana.	430	.....	300, 600
MQB	Rewa.....	British India Steam Navigation Co.	250	.....	300, 600
DRE	Rhaetia.....	Hamburg-American Line.	325	.....	300, 450, 600
DRH	Rhakotis.....	German steamer.....	325	.....	300, 450, 600
DKR	Rhein.....	North German Lloyd	160	.....	300, 600
DIA	Rhenania.....	Hamburg-American Line.	200	.....	300, 450, 600
DRS	Rhodopis.....	German steamer.....	325	.....	300, 450, 600
RP	Richard Peck.....	New England Navigation Co.	.....	.....	.....
MHY	Rijndam.....	Holland-American Line.	.....	.....	.....
MRR	Rindjani.....	Rotterdam Lloyd.....	160	.....	120, 300, 600
MOQ	Rio Amazonas.....	Ligure Brasiliana.....	160	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
AG	Rio Grande.....	Mallory S. S. Co.....	300	1	366
UWR	Rio de Janeiro.....	Lloyd Brasileiro S. S. Co.	500	2	405
AAR	Riverina.....	Huddart, Parker & Co.	325	2	600
AM	Riverside.....	Chas. Nelson Co.....	300	2	350
AQ	Roanoke.....	North Pacific S. S. Co.	300	1	250
XB	Robert Fulton.....	Hudson River Day Line.			
CMW	Robert L. Fryer.....				
MIV	Rochambeau.....	Cie Générale Transatlantique.			
DRA	Roda.....	German steamer.....	325		300, 450, 600
MQA	Rohilla.....	British India Steam Navigation Co.	250		300, 300, 600
DRB	Roland.....	German steamer.....	40		300, 450, 600
MRB	Roma.....	Fabre Line.....	250		300, 600
UN	Roma.....	Union Oil Co.....	300	2	400
ROM	Romania.....	Roumanian steamer..	275		600
MNC	Romanic.....	White Star Line.....	170		300, 600
DRN	Roon.....	North German Lloyd.	325		300, 450, 600
RK	Roosevelt.....	John Arbuckle Co....	200	1	414
SV	Roosevelt.....	Indiana Transportation Co.	100	1	Variable.
MZR	Rosalind.....	Bowring Line.....	170		300, 600
H2	Rose City.....	San Francisco & Portland S. S. Co.		3	
BM	Rosecrans.....	Associated Oil Co....	300	2	350
UWA	Roseric.....	Andrew Weir & Co....	135	1	300, 600
TR	Rosina.....	Independent S. S. Co.	300	2	400
MKE	Rotorua.....	New Zealand Shipping Co.	250		300, 600
MHR	Rotterdam.....	Holland-American Line.	215	1½	120, 300, 600
MER	Royal Edward.....	Canadian Northern S. S. Co.	170		300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MGR	Royal George.....	Canadian Northern S. S. Co.	170	.....	300, 600
MKA	Roahine.....	New Zealand Shipping Co.	250	.....	300, 600
MKB	Ruapehu.....	do.....	250	.....	300, 600
DRU	Rugia.....	Hamburg-American Line.	325	.....	300, 450, 600
MWC	Runic.....	White Star Line.....	250	.....	300, 600
BU	Rupert City.....	Mackenzie Bros. S. S. Co.	200	2½	425
SRN	Russia.....	Russian-East Asiatic S. S. Co.	325	.....	300
RIO	Russie.....	French steamer.....	300	.....	300
CMD	S. M. Clement.....	Buffalo & Susquehanna S. S. Co.	.....	3	.....
YA	S. V. Luckenbach..	Insular Line.....	200	1	490
AB	Sabine.....	Mallory S. S. Co.....	300	1	370
YSD	Sadu Maru.....	Japan Mail S. S. Co..	300, 1, 100	.....	300
MMT	Salsette.....	Peninsular & Oriental S. S. Co.	250	.....	300
SAL	Salvor.....	British Columbia Salvage Co.	250	.....	300
MYD	Samland.....	Red Star Line.....	250	.....	300, 600
MSH	San Giorgio.....	Sicula American Line.	160	.....	300, 600
MSI	San Giovanni.....	do.....	160	.....	300, 600
MTF	San Guglielmo.....	do.....	160	.....	300, 600
AS	San Jacinto.....	Mallory S. S. Co.....	300	1	465
CJ	San Juan.....	New York & Porto Rico S. S. Co.	300	1	430
UFW	San Jose.....	United Fruit Co.....	400	2	650
O2	San Jose.....	Pacific Mail S. S. Co.	.....	.....	.....
J2	San Juan.....	do.....	.....	.....	.....
AK	San Marcos.....	Mallory S. S. Co.....	300	1	406
UWK	San Paulo.....	Lloyd Brasileiro S. S. Co.	500	2	390
UJM	San Salvador.....	do.....	250	1	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MRL	Sannio.....	Navigazione Generale Italiana.	160	.....	300, 600
MSS	Santa Anna.....	Febre Line.....	250	.....	300, 600
AK	Santa Clara.....	North Pacific S. S. Co.	300	1	250
KS	Santa Cruz.....	Puget Sound Wrecking Co.	300	1	200
UM	Santa Maria.....	Union Oil Co.....	300	2	400
UTY	Santa Marta.....	United Fruit Co.....	400	2	500
US	Santa Rita.....	Union Oil Co.....	300	2	350
WO	Santiago.....	Ward Line.....	200	1	465
YSK	Sanuki Maru.....	Japan Mail S. S. Co...	650, 1, 100	.....	300
MHK	Sapphire (private yacht).	Duke of Bedford.....	300	.....	300, 600
UDK	Saramacca.....	Royal Dutch West India Mail.	300	2	475
WS	Saratoga.....	Ward Line.....	200	1	580
MAP	Sardegna.....	Navigazione Generale Italiana.	160	.....	300
MDN	Sardinian.....	Allan Line.....	135	.....	300, 600
DSM	Sarnia.....	Hamburg-American Atlas Line.	135	.....	300, 600
MKY	Sarnia.....	London & Southwestern Ry.	250	.....	300, 600
SAT	Satellite.....	A. Sorensen.....	.....	$\frac{1}{2}$	.....
UJE	Satellite.....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
ZM	Satilla.....	Brunswick S. S. Co...	350	1	400
MBF	Saturnia.....	Donaldson Line.....	250	.....	300, 600
UJP	Saturno.....	Lloyd Brasileiro S. S. Co.	250	1	400
HS	Savage (tug).....	Consolidation Coal Co.	200	1	300
MVF	Savoia.....	La Veloce Line.....	270	.....	300, 600
MQI	Saxon.....	Union Castle Line...	250	.....	300, 600
MSA	Saxonia.....	Cunard Line.....	85	.....	110, 300
DSA	Scharnhorst.....	German steamer.....	325	.....	300, 450, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DSW	Schleswig.....	North German Lloyd..	275	.....	300, 450, 600
SNJ	Schoonmaker.....	Shenango S. S. Co....	100	1	Variable.
DSL	Schwalbe.....	German steamer.....	135	.....	300, 450, 325
DSN	Schwan.....	do.....	135	.....	300, 450, 600
KSA	Scotia.....	London & Northwest- ern Ry.	175	.....	300, 600
MJN	Scotian.....	Allan Line.....	135	.....	300, 600
WY	Sea Otter (motor yacht).	Hugh J. Willoughby..	50	.....	.....
MDZ	Seal.....	J. A. Farquhar & Co..	250	.....	300, 600
SST	Seattle Maru.....	Osaka Mercantile S. S. Co.	650	.....	300
DSE	Seeadler.....	German steamer.....	80	.....	300, 450, 600
WG	Seguranca.....	Ward Line.....	200	1	333
VJ	Seminole.....	Clyde S. S. Co.....	200	1	281
CS	Senaca.....	New York & Porto Rico S. S. Co.	.....	4	.....
GS	Senator.....	Pacific Coast S. S. Co.	300	2	300
DSH	Senator Holthusen..	German steamer.....	45	.....	300
DSR	Senator Refardt.....	do.....	45	.....	300
DSS	Senator Schafer.....	do.....	80	.....	300, 450, 600
DSD	Senator von Beren- berg Gossler.	do.....	80	.....	300, 450, 600
DWS	Senator Westphal..	do.....	105	.....	300, 600
MFB	Sentinel.....	Eastern Telegraph Co.	135	.....	300, 600
UJB	Sergipe.....	Lloyd Brasileiro S. S. Co.	200	1	462
AV	Seward.....	Alaska S. S. Co.....	300	1	300
DSZ	Seydlitz.....	North German Lloyd.	325	.....	300, 450
MC	Sheboygan.....	Goodrich Transit Co..	100	1	Variable.
QC	Shenango.....	J. M. Guffey Petro- leum Co.	200	1	400
SNA	Shenango.....	Shenango S. S. Co....	.....	.....	.....
MFK	Sherard Osborn.....	Eastern Telegraph Co.	135	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
YSN	Shinano Maru.....	Japan Mail S. S. Co...	650,1,100	.....	300
MD	Shinnecock.....	Montauk Steamboat Co.	.....	$\frac{1}{2}$	.....
SSP	Shropshire.....	Federal Steam Navigation Co.	350	.....	300, 450, 600
WU	Siberia.....	Pacific Mail S. S. Co..	300	5	400
DSV	Siberia.....	Hamburg - American Line.	250	.....	300
MAC	Sicilia.....	Navigazione Generale Italiana.	160	.....	300, 600
MUN	Sicilian.....	Allan Line.....	135	.....	300, 600
RSB	Sidi Brahim.....	French steamer.....	160	.....	300, 600
MOE	Siena.....	Società Navigazione Italiana.	160	.....	300, 600
CBJ	Sierra.....	Tomlinson Line.....	.....	.....	.....
SM	Sierra.....	Oceanic S. S. Co.....	300	2	400
MRD	Sindoro.....	Rotterdam Lloyd.....	160	.....	300, 450, 600
UJZ	Sirio.....	Lloyd Brasileiro S. S. Co.	250	1	400
UCX	Sixaola.....	United Fruit Co.....	400	2	500
OKH	Sofia Hohenberg....	Austro-American Line.	325	.....	300, 365, 600
MIW	Somali.....	Peninsular & Oriental Co.	.....	.....	300, 600
Q4	Somerset.....	Merchants & Miners Line.	250	1	400
MNB	Soudan.....	Peninsular & Oriental Line.	250	.....	300, 600
MOL	Sovereign.....	Fred Olsen Line.....	160	.....	300, 450, 600
DSK	Sperber.....	German steamer.....	135	.....	300, 450, 600
GE	Spokane.....	Pacific Coast S. S. Co.	300	1	275
NY	St. Helens.....	E. J. Dodge & Co....	300	1	200
MIJ	St. Laurent.....	Cie. Générale Transatlantique.	.....	.....	.....
MSL	St. Louis.....	American Line.....	250	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MSP	St. Paul.	American Line.	250	.....	300
PQP	St. Petersburg.	Great Eastern Ry. Co..	100	.....	300, 450, 600
USV	St. Vincent.	Hull Steam Fishing & Ice Co.	.....	.....	.....
GD	Standard Oil barge No. 91.	Standard Oil Co.	300	2	375
P5	Standard Oil barge No. 93.	.....do.....	300	2	375
GH	Standard Oil barge No. 94.	.....do.....	150	1	260
GP	Standard Oil barge No. 95.	.....do.....	300	2	375
STD	Stanley.	Canadian Government	250	.....	300
GL	State of California...	Pacific Coast S. S. Co..	300	1	275
MHS	Statendam.	Holland-American Line.	160	.....	120, 300, 600
DSC	Stephan.	German steamer.	325	.....	300, 450, 600
MDJ	Stephen.	Booth Line.	250	.....	300, 600
MOG	Sterling.	Fred Olsen Line.	160	.....	300, 450, 600
MVS	Sud America.	La Veloce Line.	250	.....	300
MJC	Suevic.	White Star Line.	250	.....	300, 600
UDS	Sun.	Sun Oil Co.	200	1	410
ZSR	Sunrise (private yacht).	.....	225	.....	300
UWE	Suveric.	Bank Line.	140	.....	300, 600
QS	Suwanee.	Merchants & Miners Line.	250	1	400
MRT	Tabanan.	Rotterdam Lloyd.	160	.....	300, 450, 600
W2	Tacoma.	Pacific Coast S.S. Co.	.....	.....	.....
STA	Tacoma Maru.	Osaka Mercantile S. S. Co.	650	.....	300
RNS	Tagus.	Royal Mail Steam Packet Co.	300	2	600
MWF	Tainui.	Shaw, Savill & Albion.	250	.....	300
MTS	Taisei Maru.	Shosen Gakko.	650, 1,100	.....	300

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MEB	Tamarac.....	Anglo-American Oil Co.	85	.....	110, 300
YTB	Tamba Maru.....	Japan Mail S. S. Co.	650, 1, 100	.....	300
MRY	Tambora.....	Rotterdam Lloyd.....	160	.....	300, 450, 600
YTG	Tango Maru.....	Japan Mail S. S. Co.	120	.....	300
MOT	Taormina.....	Societa di Navigazione Italia.	430	5	300, 600
MZT	Tarquah.....	Elder Dempster Line.	160	.....	300, 600
SC	Tasco.....	T. A. Scott Co.....	50	$\frac{1}{2}$	280
MG	Tatoosh.....	Puget Sound Tug Boat Co.	300	1	200
CPT	Tees (tug).....	Canadian Pacific R.R. Co.	300	1	200
MCJ	Telconia.....	Telegraph Construction & Maintenance Co.	250	.....	300, 600
TN	Tennessee.....	Crawford Transportation Co.	100	1	variable.
UVY	Tennyson.....	Lamport & Holt Line.	500	2	520
TTY	Tenyo Maru.....	Oriental S. S. Co.....	650, 1, 100	.....	300
MTC	Teutonic.....	White Star Line.....	85	.....	110, 300
UXS	Texas.....	Norway, Mexico & Gulf S. S. Co.	250	2	480
YA	Thalia.....	Austrian-Lloyd S. S. Co.	250	.....	300
RNM	Thames.....	Royal Mail Steam Packet Co.	300	2	600
MTH	Themistocles.....	Hellenic Transatlantic Line.	250	.....	300, 450
MGM	Themistocles.....	Aberdeen Line.....	.....	.....	.....
DTE	Thessalia.....	Hamburg - American Line.	325	.....	300, 450, 600
BR	Thomas Barlow.....	Postal S. S. Co.....	.....	.....	.....
DTU	Thuringia.....	German steamer.....	325	.....	300, 450, 600
MIY	Timgad.....	Cie. Gen. Transatlantique.	.....	.....	.....
CTA	Tionesta.....	Anchor Line.....	.....	4	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
DTG	Titania.....	German steamer.....	.....	1	450
MUC	Titanic.....	White Star Line.....	250	.....	350
UFI	Titives.....	United Fruit Co.....	.....	.....	.....
YD	Toledo.....	Sun Oil Co.....	200	1	410
MRS	Tomaso di Savoia...	Lloyd Sabaudo.....	160	1½	300, 600
UFS	Torbay Scout.....	Denaby & Cadeby Main Collieries.	100	1	300
MTR	Tortona.....	Cunard Line.....	170	.....	300, 600
MOS	Toscana.....	Societa di Navigazione Italia.	160	.....	300, 600
YTS	Tose Maru.....	Japan Mail S. S. Co...	120	.....	300
RNR	Trent.....	Royal Mail Steam Packet Co.	300	2	600
BD	Trinidad.....	Quebec S. S. Co.....	550	2	366
MBJ	Tritonia.....	Donaldson Line.....	250	.....	300, 600
OAT	Tufie Hohenberg...	Austro-American Line	.....	.....	.....
MKJ	Turakina.....	.....	.....	.....	.....
MTN	Tunisian.....	Allan Line.....	85	.....	110, 300
MKJ	Turakina.....	New Zealand Shipping Co.	.....	.....	.....
UFK	Turrialba.....	United Fruit Co.....	400	2	300, 600
Q7	Tuscan.....	Merchants and Miners Line.	250	1	400
A3	Tyee.....	Puget Sound Tugboat Co.	300	1	200
IA	Tyee, jr.....	The Tyee Co.....	300	1	200
UCL	Ucayali.....	Peruvian Dock & S. S. Co.	400	1½	300
AAU	Ulimaroa.....	Huddart, Parker & Co.	325	2	600
MCW	Ulster.....	City of Dublin Steam Packet Co.	250	.....	300
MTA	Ultonia.....	Cunard Line.....	85	.....	110, 300
GU	Umatilla.....	Pacific Coast S. S. Co.	300	2	300
MAU	Umbria.....	Navigazione Generale Italiana.	470	.....	300, 600

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
SA	United States.....	Indiana Transportation Co.	100	1	Variable.
DUS	United States.....	Scandinavian-American Line.	215	2	300, 450, 600
UN	Unomee.....	Private yacht.....	.....	.....	.....
MWU	Uranium.....	Uranium S. S. Co.....	.....	.....	.....
MFG	Urumbamba.....	Companie Peruvia de Vapores.	.....	1½	.....
MVD	Vaderland.....	Red Star Line.....	160	.....	120, 300, 600
MSV	Valbanera.....	Pinillos Line.....	270	.....	300, 450, 600
MVH	Valhalla (private yacht).	W. G. Brokaw.....	200	.....	300, 600
VDS	Vanadis (private yacht).	C. K. S. Billings.....	.....	.....	425
MKT	Van Cloon.....	Holland steamer.....	.....	.....	.....
MJY	Vandyck.....	Lamport & Holt	225	.....	300, 600
MKU	Van Overstraten.....	..... do.....	.....	.....	.....
MJW	Vauban.....	Lamport & Holt	225	.....	300, 600
UVR	Vasari.....	Lamport & Holt S. S. Co.	190	2	300, 600
MNZ	Vectis.....	Peninsular & Oriental S. S. Co.	250	.....	300
MVZ	Venezia.....	Fabre Line.....	160	.....	300, 600
UVD	Verdi.....	Lamport & Holt S. S. Co.	190	2	300, 600
MOV	Verona.....	Societe di Navigazione Italia.	430	5	300, 600
MJZ	Vestris.....	Lamport & Holt	225	.....	300, 600
MWD	Victoria.....	Pacific Steam Navigation Co.	225	.....	300, 600
UKJ	Victoria.....	Lloyd Brasileiro S. S. Co.	.....	.....	.....
SEV	Victoria	South Eastern & Chatham Ry. Co.	150	.....	150, 300
AD	Victoria.....	Alaska S. S. Co.....	300	2	325
DDL	Victoria Luise.....	Hamburg - American Line.	.....	.....	.....

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MVN	Victorian.....	Allan Line.....	85		110, 300
PQV	Vienna.....	Great Eastern Ry. Co.	150		300, 450
WV	Vigilancia.....	Ward Line.....	200	1	428
MOV	Viking.....	Isle of Man Steam Packet Co.	65		300
MVK	Viking (The).....	Polytechnic Touring Co.	250		300, 600
BRE	Villarreal.....	Spanish steamer.....	200		300, 600
VDV	Villa de Douvres....	Belgian Government..	55		120
MIQ	Ville d'Alger.....	Cie Générale Transatlantique.			
BRD	Vincente Puchol.....	do.....	200		300, 600
BRG	Vincente Sra. Roda..	do.....	200		300, 600
VDV	Villa de Douvres....	Belgian Government..	55		120
MAH	Virginia.....	Lloyd Italiano Line...	270		300, 600
BC	Virginia.....	Goodrich Transportation Co.	100	1	Variable.
XX	Virginia.....	Baltimore Steam Packet Co.	150	1	350
BVA	Virginia (private yacht).				
MGN	Virginian.....	Allan Line.....	85		110, 300
MIR	Virginie.....	Cie Générale Transatlantique.			
UVL	Voltaire.....	Lamport & Holt Line.	500	2	600
MVU	Volturmo.....	Uranium S. S. Co.....			
MNV	Vondel.....	Nederland S. S. Co...	160		300, 450, 600
WB	W. B. Davock.....	Vulcan S. S. Co.....			
NF	W. F. Herrin.....	Associated Transportation Co.	300	2	450
WB	W. B. Davock.....	Vulcan S. S. Co.....	100	1	Variable.
CMI	W. H. Gratwick.....	Cleveland S. S. Co....			
MFD	W. H. Gratwick.....	Chicago & Duluth Transportation Co.	100	1	Variable.
BD	W. S. Porter.....	Associated Oil Co.....		2½	425

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
MQH	Walmer Castle.....	Union Castle Line....	250	.....	300, 600
WD	Walter Adams.....	The Fisheries Co.....	100	.....	300
CMK	Walter Scranton....	Cleveland S. S. Co.....	.....	3	.....
DWA	Ward Ames.....	Acme S. S. Co.....	100	1	Variable.
MYO	Warwickshire.....	Bibby Line.....	.....	.....	.....
UG	Washtenaw.....	Union S. S. Co. of California.	300	2	400
P8	Watson.....	Alaska Pacific S. S. Co.	300	1	300
WS	Western States.....	Detroit & Buffalo S. S. Co.	100	1	Variable.
UN	Whittier.....	Union Oil Co.....	300	2	350
DWK	Windhuk.....	Hamburg-American Line.	200	.....	600, 300, 450
DWI	Wiegand.....	Roland Line.....	325	.....	300, 450, 060
NR	Wilhemina.....	Matson Navigation Co.	300	3	350
MRW	Wilis.....	Rotterdam Lloyd.....	160	.....	300, 450, 600
DWH	Willehad.....	North German Lloyd..	225	.....	300, 450, 600
SW	Williamette.....	Chas. R. McCormick & Co.	.....	.....	.....
SNW	Wilpen.....	Shenango S. S. Co....	100	1	Variable.
QW	Winifred.....	J. M. Guffey Petroleum Co.	200	1	356
MFL	Winifredian.....	Leyland Line.....	125	.....	300, 600
DWD	Wittekind.....	North German Lloyd..	200	.....	300, 450, 600
CMP	Wm. E. Reis.....	Cleveland S. S. Co....	.....	3	.....
WHM	Wm. Henry Mack...	Jenkins S. S. Co.....	.....	.....	.....
SND	Wm. P. Snyder.....	Shenango S. S. Co....	100	1	Variable.
MYN	Worcestershire.....	Bibby Line.....	.....	.....	.....
MJ	Wyandotte.....	Montauk Steamboat Co.	.....	.....	.....
RY	Yale.....	Pacific Navigation Co.	300	2	400
DYK	Yorck.....	North German Lloyd..	325	.....	300, 450, 600
JC	Yoro.....	Independent S. S. Co..	300	2	400

Steamships, tugs, yachts, etc.—Continued.

Call letters.	Name of ship.	Name of owner.	Range in nautical miles.	Power in kilowatts.	Wave length in meters.
UEB	Yoro.....	Emerald S. S. Co....	135	.....	300, 600
SY	Yosemite.....	Chas. R. McCormick Co.	300	1	350
DYA	Ypiranga.....	Hamburg-American Line.	190	.....	300, 450, 600
AG	Yucatan.....	North Pacific S. S. Co.	300	1	275
UFZ	Zacapa.....	United Fruit Co.....	400	2	500
MKZ	Zealandia.....	Koninkliji Hollandische Lloyd.	135	.....	300, 450, 600
MZA	Zelandia.....	Huddart, Parker & Co.	.....	.....	300
MZD	Zealand.....	Red Star Line.....	85	.....	110, 300
DZN	Zieten.....	North German Lloyd..	325	.....	300, 450, 600
DZ	Zulia.....	Red D Line.....	300	1	425

**ALPHABETICAL LIST OF CALL LETTERS OF
SHORE STATIONS, STEAMSHIPS, NAVAL
VESSELS, ARMY TRANSPORTS,
REVENUE CUTTERS, ETC.**

ALPHABETICAL LIST OF CALL LETTERS.

Call letters.	Station.	Call letters.	Station.
AAA	Sydney, Australia.	AJA	German pilot steamer Jade.
AAB	S. S. Bombala.	AK	S. S. San Marcos
AAC	S. S. Cooma.	AK	S. S. Santa Clara.
AAK	S. S. Kyarra.	AL	S. S. Loftus Cuddy.
AAL	S. S. Levuka.	ALG	Algeria, Algiers.
AAN	S. S. Kawowna.	ALM	Almeria, Spain.
AAR	S. S. Riverina.	AM	S. S. America.
AAU	S. S. Ulimaroa.	AM	S. S. Comal.
AB	S. S. Alabama.	AM	S. S. Riverside.
AB	S. S. Sabine.	AM	Kuanakakai, Molakai, Hawaiian Islands.
AB	S. S. Chicago.	AMH	S. Y. Atmah.
ABD	S. S. Aberdeen.	AMH	S. Y. Amphitrate.
AC	S. S. Concho.	AML	Amaralina, Brazil.
AD	S. S. Denver.	AN	S. S. Northwestern.
AD	S. S. Victoria.	AN	Antivari, Montenegro.
AD	S. S. Eastland.	AND	S. S. Minda.
ADM	Amsterdam, Holland.	ANM	S. S. Minia.
ADN	U. S. Artillery harbor tug Anderson.	AP	S. S. Lampasas.
ADN	Aden.	APC	S. Y. Apache.
AF	S. S. Concord.	AQ	S. S. City of Benton Harbor.
AF	S. S. Colorado.	AQ	S. S. Roanoke.
AG	S. S. Rio Grande.	ARB	Aruba, Dutch West Indies.
AG	S. S. Yucatan.	AS	S. S. Lexington.
AH	S. S. Nueces.	AS	S. S. San Jacinto.
AH	S. S. Pennsylvania.	AS	S. S. Admiral Sampson.
AI	S. S. La Touche.	AS	Aldershot, England.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
ASF	U. S. Artillery harbor tug James Fornance.	BAO	Abo, Russia.
AT	S. S. Dora.	BBF	S. S. Batavier IV.
ATB	U. S. Army transport Buford.	BBS	S. S. Batavier II.
ATC	U. S. Army transport Cook.	BBT	S. S. Batavier III.
ATD	U. S. Army transport Dix.	BBV	S. S. Batavier V.
ATH	U. S. Army transport Sumner.	BC	S. S. Virginia.
ATK	U. S. Army transport Kilpatrick.	BD	S. S. W. S. Porter.
ATL	U. S. Army transport Logan.	BD	S. S. Trinidad.
ATM	U. S. Army transport Liscum.	BD	New York, N. Y.
ATR	U. S. Army transport Sherman.	BER	Berbera, British Somaliland.
ATS	U. S. Army transport Sheridan.	BF	Buffalo, N. Y.
ATU	U. S. Army transport Thomas.	BF	Philadelphia, Pa.
ATW	U. S. Army transport Warren.	BG	S. S. Iroquois.
AU	S. S. Dolphin.	BG	S. S. Guinea.
AU	Chatham, Mass.	BGF	Helsingfors, Finland.
AV	S. S. Seward.	BH	S. S. Chippewa.
AW	S. S. Olympia.	BH	Benton Harbor, Mich.
AX	S. S. Kansas City.	BH	Blaavands Huk, Denmark.
AX	Atlantic City, N. J.	BI	S. S. Indianapolis.
AY	S. S. Geo. W. Elder.	BI	S. S. Joseph Pulitzer.
AZ	S. S. Brazos.	BJ	S. S. Prince George.
A2	S. S. Acapulca.	EJ	S. S. John J. Barlum.
A2	Avalon, Catalina Island, Cal.	BLH	Lekhte, Russia.
A3	Tug Tyee.	BLW	Libau, Russia.
B	Sparrows Point, Md.	BM	S. S. Rosecrans.
B	Baracao, Cuba.	BN	U. S. Korona.
B	Bocas del Toro, Panama.	BN	S. S. Boston.
BA	S. S. Bermudian.	BN	Harbor Beach, Mich.
BAC	S. Y. Bacchante.	BNCh	Nikoalistadt, Russia.
		BNR	Bonaire, Dutch West Indies.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
BP	Hermosa.	BY	Shoeburyness, England.
BPS	Preeste, Russia.	BYN	Babylonia, Brazil.
BQ	S. S. Parima.	BYR	Bombay, India.
BQ	S. S. Nann Smith.	B1	Marquette & Bessemer car ferry No. 1.
BR	S. S. Thomas Smith.	B2	Marquette & Bessemer car ferry No. 2.
BR	Britz, Germany.	B2	S. S. Peru.
BRB	S. S. J. J. Sister.	B3	Tug Goliah.
BRBR	Overtoom, Holland.	C	Camaguey, Cuba.
BRC	S. S. Barcelo.	CA	S. S. City of Alpena.
BRD	S. S. Vincente Puchol.	CA	S. S. Coamo.
BRE	S. S. Villarreal.	CA	S. S. Priscilla.
BRF	S. S. Cabanal.	CA	Cambridge, England.
BRG	S. S. Vincente Str. Reda.	CAD	Dead Tree Point, Charlotte Islands, British Columbia.
BRW	Reval, Russia.	CAN	Saginaw, Mich.
BS	Washington, D. C. (Bureau of Standards).	CAR	S. S. Ashtabula.
BS	Philadelphia, Pa. (Bellevue-Stratford).	CAR	S. S. Regele Carol I.
BS	U. S. Army cable ship Burnside.	CAS	Fort Monroe, Va. (Coast Artillery School).
BSP	Sebastopol, Russia.	CB	S. S. Carolina.
BT	S. S. Hyades.	CB	Buffalo, N. Y.
BTL	Butt of Lewis, Scotland.	CB	Boca del Colorado, Costa Rica.
BTP	St. Petersburg, Russia.	CB	Cheribon, Dutch East Indies.
BU	S. S. Rupert City.	CBJ	S. S. Sierra.
BU	Bukoba, German East Africa.	CD	S. S. City of Detroit.
BV	S. S. Cabrillo.	CD	S. S. Dorothy Bradford.
BVA	S. Y. Virginia.	CD	Duluth, Minn.
BW	S. S. Alliance.	CDN	Clifden, Ireland.
BW	Ceiba, Honduras.	CF	Detroit, Mich.
BWT	Vladivostok, Siberia.	CF	S. S. City of Buffalo.
BX	S. S. City of South Haven.	CG	Chicago, Ill.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
CG	S. S. City of St. Ignace.	CMU	S. S. J. J. McWilliams.
CG	Charlottenburg, Germany.	CMV	S. S. Major.
CGS	S. S. Quadra.	CMW	S. S. Robt. L. Fryer.
CH	Port Huron, Mich.	CN	Cleveland, Ohio.
CH	Chamartin, Spain.	CO	Ashtabula, Ohio.
CHA	S. S. Harmonic.	CO	Cayo Criso, Cuba.
CHC	Williamstad, Curaçao.	CO	Coruna, Italy.
CHN	S. S. Huronic.	COR	Corvo, Azores.
CI	Erie, Pa.	CP	S. S. Ponce.
CJ	Sault Ste. Marie, Mich.	CPA	Port Arthur, Ontario.
CJ	S. S. San Juan.	CPC	S. S. Princess Charlotte.
CJA	S. S. Juanita.	CPM	S. S. Princess May.
CJL	Detroit, Mich. (Detroit Journal).	CPR	S. S. Princess Royal.
CLS	S. S. Charlois.	CPT	Tug Tees.
CM	Calumet, Mich.	CPV	S. S. Princess Victoria.
CM	Milwaukee, Wis.	CQ	Marquette, Mich.
CM	Buenos Aires, Argentine Republic.	CRC	Williamstad, Curaçao.
CMA	S. S. Hugh Kennedy.	CS	S. S. Seneca.
CMB	S. S. Jos. Sellewood.	CS	S. S. Eastern States.
CMD	S. S. S. M. Clement.	CST	St. Thomas, Ontario.
CMF	S. S. Pendenis White.	CT	S. S. Canada.
CMG	S. S. Moses Taylor.	CT	Toledo, Ohio.
CMH	S. S. James Gayley.	CTA	S. S. Tionesta.
CMI	S. S. W. H. Gratwick.	CTD	S. S. Canada.
CMJ	S. S. J. J. Albright.	CTN	Capetown, Cape Colony.
CMK	S. S. Walter Scranton.	CV	S. S. Currier.
CMN	S. S. E. A. S. Clarke.	CW	S. S. Commonwealth.
CMP	S. S. Wm. E. Reis.	CW	S. S. Western States.
CMQ	S. S. N. A. Hanna.	CW	Detroit, Mich.
CMR	S. S. H. S. Houlden.	CX	Cleveland, Ohio.
CMS	S. S. Lagonda.	CY	Bay City, Mich.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
CY	S. Y. Gypsy III.	DC	S. S. Iowa.
DA	Santa Clara, Cuba.	DCA	S. S. Cap Arcona.
DA	S. S. Philadelphia.	DCB	S. S. Cap Blanco.
DAA	S. S. Altai.	DCC	S. S. Cassel.
DAB	S. S. Augustus B. Wolvin.	DCE	S. S. Cap Verde.
DAB	S. S. Albinginia.	DCF	S. S. C. F. Tietgen.
DAC	S. S. Dacia.	DCG	S. S. Coburg.
DAD	S. S. Adler.	DCI	S. S. Kronprinzessin Cecile.
DAH	S. S. Adeline.	DCL	S. S. Clara Blumenfeld.
DAI	S. S. Annie.	DCN	S. S. Cap Finisterre.
DAL	S. S. Admiral.	DCO	S. S. Cap Ortegal.
DAM	S. S. Allemannia.	DCR	S. S. Cap Roca.
DAM	S. S. James H. Hoyt.	DCS	S. S. Clare.
DAN	S. S. Frank H. Peavey.	DCV	S. S. Cap Vilano.
DAN	S. S. Neubau.	DDA	S. S. Kaiserin Augusta Victoria.
DAT	S. S. Atto.	DDB	S. S. Blucher.
DAW	S. S. Adolf Woermann.	DDC	S. S. Cincinnati.
DAY	S. S. Alleghany.	DDE	S. S. Deutschland.
DB	S. S. Caracas.	DDF	S. S. Pisa.
DBA	S. S. Barcelona.	DDG	S. S. Bulgaria.
DBB	Schooner Dorothy B. Barrett.	DDH	S. S. Hamburg.
DBD	S. S. Berthold.	DDI	S. S. President Lincoln.
DBE	S. S. Berengar.	DDJ	S. S. Batavia.
DBF	S. S. Birkenfels.	DDK	S. S. Konig Wilhelm II
DBG	S. S. Brandenburg.	DDL	S. S. Victoria Luise.
DBM	S. S. Borgomaster.	DDM	S. S. Moltke.
DBN	Durban, Natal.	DDN	S. S. Pennsylvania.
DBO	S. S. H. P. Bope.	DDO	S. S. Prinz Oscar.
DBR	S. S. Bremen.	DDP	S. S. Patricia.
DBU	S. S. Breslau.	DDQ	S. S. Pallanza.
DBW	S. S. Bulow.	DDR	S. S. Amerika.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
DDS	S. S. President Grant.	DHC	S. S. Camerones.
DDT	S. S. Pretoria.	DHE	S. S. Heluan.
DDV	S. S. Cleveland.	DHG	S. S. Habsburg.
DDW	S. S. Graf Waldersee.	DHH	S. S. Heinrich.
DDZ	S. S. Prinz Adalbert.	DHI	S. S. Hilde.
DEB	S. S. Elkab.	DHL	S. S. Holstein.
DEH	S. S. Edmund.	DHM	S. S. Mendoza.
DEI	S. S. Elsenbach.	DHN	S. S. Hohenstauffen.
DER	S. S. Derfflinger.	DHN	S. S. Frank T. Heffeling.
DEW	S. S. Elonore Woermann.	DHO	S. S. Hellig Olav.
DF	Coney Island, N. Y.	DHP	S. S. Presidente de Mintre.
DF	Vancouver, British Columbia.	DHQ	S. S. Presidente Quintana.
DFB	S. S. Furst Bismarck.	DHR	S. S. Holger.
DFB	S. S. Fred B. Wells.	DHS	S. S. Hannover.
DFH	S. S. Fritz.	DHW	S. S. Henny Woermann.
DFL	S. S. Field Marshall.	DI	S. S. Kingsway.
DFT	S. S. Frankfort.	DIA	S. S. Rhenania.
DFR	S. S. Konig Friedrich August.	DIR	S. S. Imperator.
DGA	S. S. Ganelon.	DJC	S. S. James C. Wallace.
DGH	S. S. Grete.	DJR	S. S. James H. Reed.
DGI	S. S. Giessen.	DKA	S. S. Kronprinzessin Cecile.
DGK	S. S. D. G. Kerr.	DKB	S. S. Berlin.
DGL	S. S. General.	DKC	S. S. Kohn.
DGN	S. S. Goeben.	DKD	S. S. Friedrich der Grosse.
DGO	S. S. Grosserog von Oldenburg.	DKD	Ikeda Head, Charlotte Islands, British Columbia.
DGT	S. S. Gotha.	DKE	S. S. Prinzess Irene.
DGU	S. S. Gneisenai.	DKF	S. S. Prinz Friedrich.
DGW	S. S. Gertrude Woermann.	DKG	S. S. Grosser Kurfurst.
DH	S. S. Kingfisher.	DKI	S. S. Main.
DHA	S. S. Daimon.	DKK	S. S. Neckar.
DHB	S. S. Helene Blumenfeld.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
DKL	S. S. Konigen Luise.	DPL	S. S. Prinz Ludwig.
DKM	S. S. Kaiser Wilhelm II.	DPN	S. S. Prinzessin.
DKN	S. S. George Washington.	DPO	S. S. Polynesia.
DKO	S. S. Konig Albert.	DPS	Prince Sigismund.
DKP	S. S. Kronprinz Wilhelm.	DPT	S. S. President.
DKR	S. S. Rhein.	DPW	S. S. Prince Waldemar.
DKS	S. S. Barbarossa.	DPZ	S. S. Kronprinz.
DKW	S. S. Kaiser Wilhelm der Grosse.	DR	Detroit, Mich.
DKZ	S. S. Prinzess Alice.	DRA	S. S. Roda.
DL	Le Crois, Morocco.	DRA	Dakar, Senegal.
DLO	S. S. Lutzow.	DRB	S. S. Roland.
DLW	S. S. Lucile Woermann.	DRC	S. S. Corcovado.
DM	Duluth, Minn.	DRD	S. S. Druid.
DM	S. S. Maracaibow.	DRE	S. S. Rhaetia.
DM	S. S. Nyack.	DRH	S. S. Rhakotis.
DMA	Demerara, Georgetown, British Guiana.	DRL	S. S. Prinz Regent Luitpold.
DMR	S. S. Meteor.	DRN	S. S. Roon.
DN	San Luis Obispo.	DRS	S. S. Rhodopis.
DN	Drognden, Denmark.	DRU	S. S. Rugia.
DNA	S. S. Negada.	DS	South Haven, Mich.
DNH	S. S. Nora.	DSA	S. S. Scharnhorst.
DNI	S. S. Nitokris.	DSB	S. S. Prinz August Wilhelm.
DNV	S. S. Navarra.	DSC	S. S. Stephan.
DOA	S. S. Moskwa.	DSD	S. S. Senator von Berenberg Gossler.
DOH	S. S. Otto.	DSE	S. S. Seeadler.
DOR	S. S. Oscar II.	DSG	S. S. Prinz Sigismund.
DP	Dieppe, France.	DSH	S. S. Senator Holthusen.
DPA	S. S. Prince Adalbert.	DSI	S. S. Prinz Eitel Friedrich.
DPB	S. S. Prinz Heinrich.	DSK	S. S. Sperber.
DPE	S. S. Prinz Eitel Friedrich.	DSL	S. S. Schwalbe.
DPG	S. S. Prinz Regent.	DSM	S. S. Sarnia.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
DSN	S. S. Schwan.	ES	S. S. Easton.
DSO	S. S. Oceana.	FA	U. S. Army cable boat Field.
DSP	S. S. Prinz Joachim.	FA	S. S. City of Columbus.
DSR	S. S. Senator Refardt.	FA	Malabang, P. I.
DSS	S. S. Senator Schafer.	FAF	Amrunbank Lightship, Ger- many.
DST	S. S. Kleist	FAG	Adlergrund Lightship, Ger- many.
DSV	S. S. Siberia.	FAL	Fayal, Azores.
DSW	S. S. Schleswug.	FAU	Outer Jade Lightship, Ger- many.
DSZ	S. S. Seyditz.	FB	S. S. City of Atlanta.
DTD	S. S. Diedrich.	FB	Fairbanks, Alaska.
DTE	S. S. Thessalia.	FBN	Boston, Mass. (Board of Trade Building).
DTG	S. S. Titania.	FBO	Brant Rock, Mass.
DTU	S. S. Thuringia.	FBR	Borkum Reef Lightship, Ger- many.
DU	Juneau, Alaska.	FBS	S. S. F. B. Squire.
DUF	S. S. Geo. W. Peavey.	FC	Fort Andrews, Mass.
DUN	S. S. Kumeron.	FC	S. S. City of Macon.
DUS	S. S. United States.	FD	Fort Wood, N. Y.
DWA	S. S. Ward Ames.	FD	S. S. City of Memphis.
DWH	S. S. Willehad.	FD	Nome, Alaska.
DWI	S. S. Wiegand.	FE	Ferrol, Spain.
DWD	S. S. Windhuk.	FE	Kotlik, Alaska.
DWS	S. S. Senator Westphal.	FEF	Elbe Lightship, Germany.
DX	Toledo, Ohio.	FG	S. S. Naomi.
DXW	S. S. Alexander Woermann.	FG	Fort Gibbon, Alaska.
DYA	S. S. Ypiranga.	FH	S. S. City of Savannah.
DYK	S. S. Yorck.	FH	Corregidor Island, P. I.
DZ	Lansing, Mich.	FIF	Eider lightship, Germany.
DZ	S. S. Zulia.	FJ	S. S. City of Augusta.
DZN	S. S. Ziethan.	FJ	Fort Stevens, Oreg.
D1	Schooner Pendleton Sisters.		
EK	S. S. Breakwater.		
EN	S. S. El Norte.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
FK	Circle City, Alaska.	FWF	Wesser lightship, Germany.
FL	Fort Leavenworth, Kans.	FX	S. S. City of St. Louis.
FL	Eiffel Tower, Paris.	FX	Fort Worden, Wash.
FLK	Machrihanish Bay, Scotland.	FY	S. S. City of Montgomery.
FLK	Flekhero, Norway.	FY	U. S. Artillery harbor tug, General R. B. Ayres.
FLO	Flores, Azores.	FZ	Yacht Lydonia.
FM	S. S. E. G. Crosby.	FZ	Fort Riley, Kans.
FM	Fort Morgan, Ala.	GA	S. S. City of Seattle.
FM	Fort St. Michael, Alaska.	GB	S. S. Capt. A. F. Lucas.
FM	Faro Mogotes, Argentine Republic.	GB	Cape Breton, Glace Bay, Nova Scotia.
FM	Zamboanga, P. I.	GBA	Bolt Head, England.
FN	Fort Hancock, N. J.	GC	S. S. Georgia.
FNK	New York, N. Y.	GC	S. S. Curacao.
FNL	Flannon Isle, Scotland.	GCK	Brow Head, Ireland.
FNR	Fernando de Noronha, Brazil.	GCS	Caister, England.
FNT	Fastnet, Ireland.	GD	Standard Oil barge 91.
FO	Fort Monroe, Va.	GD	Graadyb lightship, Denmark.
FO	S. S. Chattahoochee.	GDP	S. Y. Pacifique.
FP	S. S. Nacoochee.	GE	S. S. Spokane.
FP	Petersburg, Alaska.	GF	S. S. City of Everett.
FQ	Fort Egbert, Alaska.	GF	S. S. Falcon.
FR	U. S. Army Cable Ship Joseph Henry.	GH	S. S. Maverick.
FS	Fort Omaha, Nebr.	GH	Grand Haven, Mich.
FS	Jolo, P. I.	GH	Standard Oil barge 94.
FT	Fort Totten, N. Y.	GJ	Gjedser, Denmark.
FU	Nulato, Alaska.	GK	S. S. Cottage City.
FV	Fort Levett, Me.	GL	S. S. State of California.
FVG	Villegaignon, Brazil.	GLD	The Lizard, England.
FW	Fort H. G. Wright, N. Y.	GLV	Seaforth, Liverpool, England.
FW	Wrangell, Alaska.	GM	Grand Marias, Minn.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
GM	S. S. Ascuncion.	G2	S. S. Navajo.
GM	S. S. Pilgrim.	H	Horten, Norway.
GMH	Main Head, Ireland.	HA	Cape Hatteras, N. C.
GN	S. S. Atlas.	HA	Karluk, Alaska.
GNF	North Foreland, England.	HAR	S. S. Antrim.
GNI	Niton, England.	HB	New Orleans, La.
GO	Chicago, Ill. (Congress Hotel).	HB	U. S. Army Artillery harbor tug Gen. Harvey Brown.
GO	S. S. Ramona.	HB	Kogginunk, Alaska.
GP	Standard Oil barge 95.	HBR	Heysham, England.
GQ	S. S. City of Pueblo.	HC	S. S. Arizona.
GRA	Copenhagen, Denmark.	HC	Chignik, Alaska.
GRL	Rosslare, Ireland.	HC	Carlobago, Austria-Hungary.
GRT	Guaratiba, Brazil.	HD	S. S. Alameda.
GRV	S. S. Lovenorn.	HDG	S. S. Donegal.
GS	Tug Astral.	HDR	Helder, Holland.
GS	S. S. Senator.	HF	Nushagak, Alaska.
GSG	Goteburg, Sweden.	HF	Fiume, Austria-Hungary.
GSK	Karlskrona, Sweden.	HG	Providence, R. I.
GTS	S. S. Monarch.	HG	Clarks Point, Alaska.
GU	S. S. Umatilla.	HJ	S. S. Julia.
GU	Guernsey, England.	HK	S. S. Mariposa.
GU	Guadalajara, Spain.	HK	New Orleans, La. (Hotel Grunewald).
GV	Galveston, Tex.	HK	Cape d'Aguilar, Hongkong.
GV	S. S. Governor.	HKS	Haaks Lightship, Holland.
GW	Grand Island, La.	HM	S. S. Jefferson.
GW	S. S. President.	HN	S. S. Hanalia.
GX	S. S. Queen.	HN	S. S. Chester W. Chapin.
GY	S. S. City of Topeka.	HN	S. S. Missouri.
GZD	S. S. Deutschland.	HNU	Hunstanton, England.
GZE	S. S. Engeland.	HO	S. S. Corwin.
G2	Los Angeles, Cal.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
HO	S. S. Chicago.	JB	S. S. Bunker Hill.
HO	S. Y. Hohenzollern.	JBH	S. Y. Lounger II.
HOK	Hoek van Holland.	JBL	S. S. Jan Bredel.
HQ	Mackinac Island, Mich.	JC	S. S. City of Racine.
HR	Bacochibampo, Mexico.	JC	S. S. Yoro.
HR	Horns Reef lightship, Denmark.	JCA	Bowden, Jamaica.
HS	Tug Savage.	JCS	Chosi, Simosa, Japan.
HSM	S. S. Londonderry.	JD	S. S. North Land.
HT	Nak Nek, Alaska.	JE	Jersey, England.
HV	Habana, Cuba (Vedado).	JH	S. S. Horatio Hall.
HV	S. S. Grant.	JFK	Fukikaku, Formosa.
HW	Mackinaw.	JKR	Jask, Persia.
HY	S. S. Plymouth.	JM	S. S. Massachusetts.
HY	Cuban revenue cutter Hatuey.	JM	S. S. Manhattan.
HX	Ludington, Mich.	JO	S. S. Old Colony.
HX	S. S. Humboldt.	JOI	Otchishi, Japan.
HY	Amesbury, Mass.	JOS	Ose Saki, Japan.
HZ	Zengg, Austria-Hungary.	JS	S. S. North Star.
H2	S. S. Rose City.	JSM	Shiomizaki, Japan.
IA	Tug Tyee, jr.	JTS	Tsunoshima, Japan.
IB	S. S. Resolute.	JW	S. S. James Whalen.
IBF	Brest, France (arsenal).	JX	Jacksonville, Fla.
ICL	Ilha das Cobras, Brazil.	J2	S. S. San Juan.
ID	S. S. Fearless.	KA	S. S. Antilles.
IH	Inistrahull, Ireland.	KA	Kawaikae, Hawaiian Islands.
IN	S. S. Lucy Neff.	KAC	Arcona, Germany.
ITF	Toulon, France.	KAN	Angaur, Caroline Islands.
ITR	S. S. Imparatul Traian.	KBH	Bremerhaven, Lloyd Hall, Germany.
IVF	Port Vendres, France.	KBK	Bulk, Germany.
I2	S. S. Pleiades.	KBM	Borkum, Germany.
JAR	S. S. Ragnvald Jarl.	KBR	Brunsbüttelkoog, Germany.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
KC	S. S. Christopher Columbus.	LMS	Maas Lightship, Holland.
KC	S. S. Chalmette.	LNS	Cullercoats, England.
KCX	Cuxhaven, Germany.	LO	Isla Leonco, Argentine Republic.
KD	S. S. Comus.	LPD	S. S. Leopold II.
KD	S. S. A. G. Lindsay.	LPD	Port Said, Egypt.
KDG	Danzig, Germany.	LPK	Port Tewfik, Egypt.
KGH	S. S. King Harold.	LRC	Castelneuvo, Austria-Hungary.
KHG	Heligoland, Germany.	LRD	S. S. Lady Laurier.
KJA	Yap, Caroline Islands.	LRP	Pola, Austria-Hungary.
KM	S. S. Momus.	LRS	Sebenico, Austria-Hungary.
KMR	Marienleuche, Germany.	LSG	Loch Boisdale, Scotland.
KND	Norddeich, Germany.	LU	Lussin, Austria-Hungary.
KO	S. S. Excelsior.	L2	S. S. Leelanaw.
KP	S. S. Proteus.	M	Havana, Cuba (Morro Castle).
KPD	Pachena, British Columbia.	M	Messina, Italy.
KR	S. S. Creole.	MA	S. S. Allianca.
KS	S. S. Santa Cruz.	MA	S. S. Maine.
KSA	S. S. Scotia.	MAA	S. S. Carmania.
KSB	S. S. Anglia.	MAB	S. S. Lombardia.
KSC	S. S. Hibernia.	MAC	S. S. Sicilia.
KSD	S. S. Cambria.	MAD	S. S. Duca Degli Abruzzi.
KSM	S. Y. Kismet.	MAE	S. S. Duca di Genova.
KST	Constanza, Roumania.	MAF	S. S. Mendoza.
KSW	Swinemunde, Germany.	MAG	S. S. Cordova.
KTS	Tsinghau, China.	MAH	S. S. Virginia.
KY	S. S. Kentucky.	MAI	S. S. Caledonia.
KY	S. S. Arundell.	MAJ	S. S. Calabria.
LFL	S. S. La Flandre.	MAK	S. S. Indiana.
LH	Lahaina, Maui, Hawaiian Islands.	MAL	S. S. Liguria.
LHA	Lighthouse Tender Kukui.	MAL	Adelie Land, The Antarctic.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
NAM	S. S. Lusiania.	MBP	S. S. Leopoldville.
MAN	S. Y. Niagara.	MBQ	S. S. Ben-My-Chree.
MAO	S. S. Duca d'Aosta.	MBR	Broomfield, England.
MAP	S. S. Sardegna.	MBS	Palm Beach, Fla.
MAQ	S. S. Madonna.	MBT	S. S. Elizabethville.
MAR	S. S. Italia.	MBU	S. S. Bruxellsville.
MAS	Asinara, Sardinia, Italy.	MBV	Isola Chixosa, Italy.
MAT	American Tickle, Labrador.	MBW	Brava, Italian Somaliland.
MAT	S. Y. Atalanta.	MBY	Barcelona, Spain.
MAU	S. S. Umbria.	MBZ	S. S. Amazon.
MAV	S. S. Alva.	MC	S. S. Sheboygan.
MAV	S. S. Florida.	MC	Monte Entrance, Argentine Republic.
MAW	S. S. Perugia.	MCA	S. S. Campania.
MAY	S. S. Antony.	MCB	Chateau Bay, Labrador.
MAZ	S. S. L'Avenor.	MCC	Cape Cod, Mass. (Commercial.)
MB	Mobile, Ala.	MCE	Cape Race, Newfoundland.
MBA	S. S. Athenia.	MCF	S. S. Canada.
MBB	S. S. Asturias.	MCG	S. S. Cambria.
MBC	S. S. Baltic.	MCG	Mocangue, Brazil.
MBD	Bardera, Italian Somaliland.	MCH	Point Rich, Nova Scotia.
MBE	Cape Bear, Prince Edward Island.	MCI	S. S. California.
MBF	S. S. Saturnia.	MCI	S. S. Chili.
MBG	S. S. Araguaya.	MCJ	S. S. Telconia.
MBH	Battle Harbor, Labrador.	MCK	Clarke City, Seven Islands, Canada.
MBI	Belle Isle, Newfoundland.	MCL	S. S. Colonia.
MBJ	S. S. Tritonia.	MCM	Cape Mele, Liguria, Italy.
MBK	Balleric Islands.	MCN	S. S. Corsican.
MBL	Bernal, Argentine Republic.	MCO	S. S. Chaco.
MBM	S. S. Danube.	MCP	Cadiz, Spain.
MBN	S. S. Arragon.	MCQ	S. S. Munster.
MBO	S. S. Avon.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MCR	Cape Ray, Newfoundland.	MDU	S. S. Atahualpa.
MCS	S. S. Cadiz.	MDV	S. S. Huatna.
MCT	S. S. Buccaneer.	MDW	S. S. Manco.
MCU	S. S. Connaught.	MDY	S. S. Stephano.
MCV	S. S. Leinster.	MDZ	S. S. Seal.
MCW	S. S. Ulster.	ME	S. Y. Electra.
MCY	Cape May, N. J.	MEA	S. S. Franconia.
MCZ	Cozzo Spadaro, Cape Passaro, Sicily.	MEB	S. S. Tamarac.
MD	S. S. Cristobal.	MEC	S. S. Narragansett.
MD	S. S. Shinnecock.	MED	S. S. Cassandra.
MDA	S. S. Cearsense.	MEE	S. S. Electra.
MDB	S. S. Clement.	MEF	S. S. John Pender.
MDC	S. S. Cedric.	MEG	S. S. Norseman.
MDD	S. S. Christopher.	MEH	S. S. Magnet.
MDE	S. S. Denis.	MEI	S. S. Iroquois.
MDF	S. S. Dominion.	MEJ	S. S. Recorder.
MDG	S. S. Francis.	MEK	Merka, Italian Somaliland.
MDH	S. S. Hubert.	MEL	S. S. Bohemian.
MDI	S. S. Pancras.	MEL	Melilla, Morocco.
MDJ	S. S. Stephen.	MEM	S. S. Patrol.
MDK	S. S. Anselm.	MEN	S. S. Navahoe.
MDL	S. S. Devonian.	MEO	S. S. Leon XIII.
MDM	S. S. Hildebrand.	MEP	S. S. Regina Maria Cristina.
MDN	S. S. Sardinian.	MEQ	S. S. Empress Queen.
MDO	Domino Island, Labrador.	MER	S. S. Royal Edward.
MDP	S. S. Hilary.	MES	S. S. P. de Satrustegui.
MDQ	Madrid, Spain.	MET	S. S. Alfonse XIII.
MDR	S. S. Ambrose.	MEU	S. S. Manuel Calvo.
MDS	S. S. Lanfranc.	MEV	S. S. Africa.
MDT	S. S. Macedonia.	MEW	S. S. Lusitania (Portuguese steamer).

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MEY	S. S. Beira.	MGB	S. Y. Lysistrata.
MEZ	S. S. Antonio Lopez.	MGC	S. S. Cymric.
MF	S. S. Finance.	MGD	Mogadiscio, Italian Somaliland.
MFA	S. S. Lusitania.	MGE	S. S. Germania.
MFB	S. S. Sentinel.	MGF	S. S. Miltiades.
MFC	S. S. Arabic.	MGG	S. S. Moravian.
MFD	S. S. Finland.	MGH	S. S. Norseman.
MFD	S. S. W. H. Gratwick.	MGI	Gross Isle, Quebec.
MFE	S. S. Mantao.	MGJ	S. S. Marathon.
MFF	S. S. Pachitea.	MGK	S. S. Demosthenes.
MFG	S. S. Urabamba.	MGL	S. S. Canadian.
MFH	Fraserburgh, Scotland.	MGM	S. S. Maitai.
MFI	S. S. Furnessia.	MGM	S. S. Themistocles.
MFJ	S. S. Cormorant.	MGN	S. S. Virginian.
MFK	S. S. Sherard Osborn.	MGO	Giumbo, Italian Somaliland.
MFL	S. S. Winifredian.	MGP	Cape Gato, Italy.
MFM	S. S. Aidan.	MGR	S. S. Royal George.
MFN	S. S. Pretorian.	MGS	S. S. Miguel M. Pinilles.
MFP	Fame Point, Quebec.	MGT	S. S. British Sun.
MFR	S. S. Mayaro.	MGU	S. S. Campanello.
MFS	Fort Spuria, Messina, Italy.	MGV	S. S. Monmouth.
MFT	S. S. Augustine.	MGX	S. S. Prinzess Alice.
MFU	S. S. Aeneas.	MH	S. S. Panama.
MFV	S. S. Ascanius.	MHA	S. S. Noordam.
MFV	S. S. Ascanius.	MHB	S. S. New Amsterdam.
MFV	S. S. Ascanius.	MHC	S. S. Adriatic.
MFV	S. S. Ascanius.	MHD	S. S. Gothland.
MFV	S. S. Ascanius.	MHE	Philadelphia, Pa. (Wanamaker's).
MG	S. S. Montauk.	MHF	S. S. Abdel Kader.
MG	Tug Tatoosh.	MHG	S. S. Californie.
MGA	S. S. Mauretania.		
MGA	S. S. Aorangi.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MHH	Haven, England.	MIJ	S. S. Laurent.
MHI	New York, N. Y. (Wanamaker's).	MIK	S. S. Inkosi.
MHJ	S. S. Caravelle.	MIL	S. Y. Iolanda.
MHK	S. Y. Sapphire.	MIM	S. S. Principesa Mafalda.
MHL	S. S. Cestrian.	MIN	S. S. Ionian.
MHM	S. S. Potsdam.	MIO	S. S. Principesa Iolanda.
MHN	S. S. Carthaginian.	MIO	S. S. Cameronia.
MHO	S. S. Duc de Bragance.	MIP	S. S. Intaba.
MHP	Heath Point, Anticosti Island, Canada.	MIQ	S. S. Ville d'Alger.
MHQ	S. S. Eugene Periere.	MIR	S. S. Virginia.
MHR	S. S. Rotterdam.	MIS	S. S. Catalina.
MHS	S. S. Statendam.	MIT	S. S. Timgad.
MHS	S. S. Hudson.	MIT	Itala, Italian Somaliland.
MHT	S. S. Marie Henriette.	MIU	S. S. Andorinha.
MHU	S. S. Louisiane.	MIV	S. S. Rochambeau.
MHV	S. S. Marschal Bugeand.	MIW	S. S. Somali.
MHW	S. S. Mexico.	MIZ	S. S. Balmeo.
MHX	Camperdown, Halifax, Nova Scotia.	MJ	S. S. Wyandotte.
MHY	S. S. Rijndam.	MJA	S. S. Oropesa.
MHZ	S. S. Montreal.	MJB	S. S. Oravia.
MI	S. S. Minnesota.	MJC	S. S. Suevia.
MIA	S. S. Ivernia.	MJD	S. S. Lapland.
MIB	S. S. Bonadventure.	MJE	S. S. Orissa.
MIC	S. S. Laurentic.	MJF	S. S. Orcoma.
MID	S. S. Inanda.	MJG	S. S. Orita.
MIE	S. S. Beladventure.	MJH	S. S. Haverford.
MIF	S. S. Newfoundland.	MJI	S. S. Oronsa.
MIH	S. S. Adventure.	MJJ	S. S. Oriana.
MII	S. S. Queen.	MJK	S. S. Ortega.
		MJL	S. S. Antillian.
		MJM	S. S. Merion.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MJN	S. S. Scotian.	MKQ	S. S. Ballarat.
MJO	S. S. Montserrat.	MKR	S. S. Bendigo.
MJP	S. S. Montevideo.	MKS	S. S. Barcelona.
MJQ	S. S. Buenos Aires.	MKT	S. S. Van Cloon.
MJS	S. Y. Noma.	MKU	S. S. Van Overstraten.
MJT	S. S. Olinda.	MKV	S. S. Makura.
MJU	S. S. Curityba.	MKY	S. S. Sarnia.
MJV	S. S. Lagazpi.	MKZ	S. S. Zealandia.
MJW	S. S. Vauban.	MLA	S. S. Guadeloupe.
MJY	S. S. Vandyck.	MLB	S. S. La Bretagne.
MJZ	S. S. Vestris.	MLC	S. S. Celtic.
MK	S. S. Millinocket.	MLD	S. S. Montcalm.
MK	Milwaukee, Wis.	MLF	S. S. Milwaukee.
MKA	S. S. Roahine.	MLF	S. S. La Flandre.
MKA	S. S. Moana.	MLG	S. S. La Gascoyne.
MKB	S. S. Ruapehu.	MLH	S. S. Lake Michigan.
MKC	S. S. Olympic.	MLI	S. S. Montreal.
MKD	S. S. Kroonland.	MLJ	S. S. Montrose.
MKE	S. S. Rotorua.	MLK	S. S. Montezuma.
MKF	S. S. Frisia.	MLL	S. S. La Lorraine.
MKG	S. S. Delta.	MLM	S. S. Lake Manitoba.
MKH	S. S. Hollandia.	MLN	S. S. Lake Champlain.
MKI	Cocos Islands.	MLO	S. S. Mount Royal.
MKJ	S. S. Turakina.	MLP	S. S. La Provence.
MKK	S. S. Medic.	MLQ	S. S. Mount Temple.
MKL	S. S. Asian.	MLR	S. S. La Navarre.
MKM	S. S. Maleja.	MLS	S. S. La Savoie.
MKM	S. S. Marama.	MLT	S. S. La Touraine.
MKN	S. S. Corinthian.	MLU	S. S. La Champagne.
MKO	S. S. Drumcraig.	MLU	Lugh, Italian Somaliland.
MKP	S. S. Medina.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MLV	S. S. Persia.	MN	S. S. Manitou.
MLW	S. S. Montfort.	MNA	S. S. Pannonia.
MLY	S. S. Chicago.	MNB	S. S. Soudan.
MLZ	S. S. Montcalm.	MNC	S. S. Romanic.
MMA	S. S. Minnehaha.	MND	North Sydney, Canada.
MMB	S. S. Mackay-Bennett.	MNE	S. S. Menominee.
MMC	S. S. Majestic.	MNG	S. S. Grotius.
MMD	S. S. Malwa.	MNH	S. S. Dongola.
MME	S. S. Mantua.	MNI	S. S. Delhi.
MMF	S. S. Morea.	MNJ	S. S. Plassy.
MMG	S. S. Egypt.	MNK	S. S. New York.
MMH	S. S. Moldavia.	MNL	S. S. Koningin der Nederlader.
MMI	S. S. Charles Roux.	MNM	S. S. Manitou.
MMJ	S. S. Mongolia.	MNN	S. S. Numidian.
MMK	S. S. Minnetonka.	MNO	S. S. Oranje.
MML	S. S. Macedonia.	MNP	S. S. Prinses Juliana.
MMM	S. S. Mooltan.	MNQ	S. S. Marquette.
MMN	S. S. Minneapolis.	MNR	S. S. Rembrandt.
MMO	Punta del Este, Uruguay.	MNR	Indian Harbor, Labrador.
MMP	Monte Capuccini, Anconi, Italy.	MNS	Naples, Italy.
MMQ	S. S. Persia.	MNT	S. S. Konig Wilhelm III.
MMR	S. S. Marmora.	MNU	S. S. Caledonia.
MMS	San Guilano di Trapani, Italy.	MNV	S. S. Vondel.
MMT	S. S. Salsette.	MNW	S. S. Konig Wilhelm I.
MMU	S. S. China.	MNY	S. S. Himalaya.
MMV	S. S. Perou.	MNZ	S. S. Vectis.
MMV	S. S. Mesaba.	MO	S. S. Mohawk.
MMW	S. S. Minnewaska.	MOA	S. S. Ancona.
MMY	S. S. India.	MOB	S. S. Bologna.
MMZ	S. S. Arabia.	MOC	S. S. Oceanic.
MN	Tug Lorne.	MOD	S. S. Otrato.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MOE	S. S. Siena.	MPI	S. S. Empress of India.
MOF	S. S. Orsova.	MPJ	S. S. Empress of Japan.
MOG	S. S. Sterling.	MPK	S. S. Princess Adelaide.
MOH	S. S. Otway.	MPL	S. S. Empress of Ireland.
MOI	S. S. Columbia.	MPM	Palmaria, Italy.
MOJ	S. S. Orvieto.	MPN	Cape Sperone, Sardinia, Italy.
MOK	S. S. Omrah.	MPO	Cagliari, Italy.
MOL	S. S. Sovereign.	MPP	Palermo, Italy.
MOM	S. S. Norman.	MPQ	S. S. Dunvegan Castle.
MON	S. S. Mongolian.	MPR	Point Amour, Labrador.
MOO	S. S. Assaye.	MPS	Ponza Island, Italy.
MOP	S. S. Minas.	MPT	S. S. Patris.
MOQ	S. S. Rio Amazonas.	MPU	S. S. Princess Mary.
MOR	S. S. Ravenna.	MPV	S. S. Haakon VII.
MOS	S. S. Toscana.	MPW	S. S. Balmoral Castle.
MOT	S. S. Taormina.	MPY	S. S. Galway Castle.
MOU	S. S. Devanha.	MQ	S. S. Mohegan.
MOV	S. S. Verona.	MQA	S. S. Rohilla.
MOW	S. S. Carisbrook Castle.	MQB	S. S. Rewa.
MOY	S. S. Osterley.	MQC	S. S. Persic.
MOZ	S. S. Orontes.	MQD	S. S. Guelph.
MPA	S. S. Carpathia.	MQE	S. S. Edinburgh Castle.
MPB	S. S. Empress of Britain.	MQF	S. S. Kenilworth Castle.
MPC	S. S. Canopic.	MQG	S. S. Armadale Castle.
MPC	S. S. Princess Clementine.	MQH	S. S. Walmer Castle.
MPD	Poldhu, England.	MQI	S. S. Saxon.
MPE	S. S. Princess Elizabeth.	MQI	Macquarie Island.
MPE	Las Palmas, Canary Islands.	MQJ	S. S. Briton.
MPF	S. S. Monteagle.	MQK	S. S. Kildonan Castle.
MPG	S. S. Empress of China.	SQL	S. S. Kinfauns Castle.
MPH	S. S. Philadelphia.	MQM	S. S. Dover Castle.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MQN	S. S. Durham Castle.	MRU	Pictou, Canada.
MQO	S. S. Dunluce Castle.	MRU	S. S. Principe Umberto.
MQP	S. S. Garth Castle.	MRV	S. S. Principe di 'Udine.
MQQ	S. S. Grantully Castle.	MRW	S. S. Wilis.
MQR	S. S. Galeka.	MRY	S. S. Tambora.
MQS	S. S. German.	MRZ	S. S. Lazio.
MQT	S. S. Galician.	MS	S. S. Ancon.
MQU	S. S. Gaika.	MSA	S. S. Saxonia.
MQV	S. S. Gascon.	MSB	Cape Sable, Nova Scotia.
MQW	S. S. Goorkja.	MSC	Siasconsett, Mass.
MQY	S. S. Goth.	MSC	Bari, Italy.
MQZ	S. S. Gloucester Castle.	MSD	Sable Island, Nova Scotia.
MRA	S. S. Caronia.	MSE	Sea Gate, N. Y.
MRB	S. S. Roma.	MSF	Fernandina, Fla.
MRC	S. S. Cretic.	MSG	S. S. Ucayali.
MRD	S. S. Sindoro.	MSH	S. S. San Giorgio.
MRE	S. S. Regina Elena.	MSI	S. S. San Giovanni.
MRG	S. S. Regina d'Italia.	MSJ	St. John, Partridge Island, New Brunswick.
MRH	S. S. Campania.	MSK	Sagaponack, N. Y.
MRI	S. S. Re d'Italia.	MSL	Santa Maria di Leuca, Italy.
MRJ	S. S. Ophir.	MSL	S. S. St. Louis.
MRK	S. S. Kawi.	MSM	S. S. Espagne.
MRL	S. S. Sannio.	MSN	S. S. Hesperian.
MRM	Monte Mario, Rome, Italy.	MSO	S. S. Caroline.
MRN	S. S. Grampian.	MSP	S. S. St. Paul.
MRO	S. S. Re Vittorio.	MSQ	S. S. Niagara.
MRP	S. S. Principe di Piemonte.	MSR	S. S. Floride.
MRQ	S. S. Goentoer.	MSS	S. S. Sant' Anna.
MRR	S. S. Rindjani.	MSU	S. S. Carthage.
MRS	S. S. Tomaso di Savoia.	MSV	S. S. Valbranera.
MRT	S. S. Tabanan.	MSW	South Wellfleet, Cape Cod, Mass.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MSY	Virginia Beach, Va.	MUD	Grindstone, Magdalen Islands, Quebec.
MSZ	S. S. Caesarea.	MUG	S. S. Argentina.
MTA	S. S. Ultonia.	MUG	Port Arthur, Ontario.
MTC	S. S. Teutonic.	MUL	S. S. Alice.
MTD	S. S. Minto.	MUN	S. S. Sicilian.
MTE	Teneriffe, Canary Islands.	MUO	S. S. Oceania.
MTF	S. S. San Gugliemo.	MUP	S. S. Re Umberto.
MTG	S. S. Albania.	MUQ	S. S. Laura.
MTH	S. S. Themistocles.	MUU	S. S. Eugenia.
MTI	S. S. Athinai.	MUW	S. S. Martha Washington.
MTJ	S. Y. Karina.	MV	S. S. Advance.
MTK	S. Y. Florence.	MV	S. S. New Haven.
MTL	Montreal, Quebec.	MVA	S. S. Argentina.
MTM	S. S. Piemonte.	MVB	S. S. Bresile.
MTN	S. S. Tunisian.	MVC	S. S. Italia.
MTO	Taranto, Italy.	MVD	S. S. Vaderland.
MTP	Torre Piloti di Malamocco, Italy.	MVD	Montevideo, Uruguay.
MTQ	S. S. Albania.	MVE	S. S. Europa.
MTQ	S. S. Cairnrona.	MVF	S. S. Savoia.
MTR	S. S. Ansonia.	MVG	Vilano, Spain.
MTR	S. S. Tortona.	MVH	P. Y. Valhalla.
MTS	S. S. Taisei Maru.	MVI	Venison Island, Labrador.
MTU	S. S. Ascania.	MVK	S. Y. The Viking.
MU	Chelsea, Mass.	MVL	S. S. Atlantian.
MU	Musil, Austria-Hungary.	MVM	S. S. Citta di Milano.
MU	Muansa, German East Africa.	MVN	S. S. Victorian.
MUA	Father Point, Quebec.	MVO	S. S. Oceania.
MUB	Pictou, Nova Scotia.	MVP	S. S. Citta di Torino.
MUC	S. S. Titanic.	MVQ	S. S. Viking.
MUC	Three Rivers, Quebec.	MVR	S. S. Nord America.
		MVS	S. S. Sud America.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MVT	Viesti, Mount Gargano, Italy.	MXC	S. S. Medic.
MVU	S. S. Voltunro.	MXI	Port Arthur, Tex.
MVY	S. S. Karoola.	MXL	S. S. Colonian.
MVZ	S. S. Venezia.	MXS	S. S. Pio IX.
MW	S. S. Maurence.	MY	S. S. The Limit.
MW	Manitowoc, Wis.	MYA	S. S. Herefordshire.
MW	Wilhelmshaven, Germany.	MYB	S. S. Derbyshire.
MW	Vladivostok, Siberia.	MYC	S. S. Afric.
MWA	S. S. Aaro.	MYD	S. S. Samland.
MWB	S. S. Panama.	MYE	S. S. Oxfordshire.
MWC	S. S. Runic.	MYG	S. S. Gloucestershire.
MWD	S. S. Victoria.	MYH	S. S. Nonsuch.
MWE	S. S. Arawa.	MYL	S. S. Leicestershire.
MWF	S. S. Tainui.	MYN	S. S. Worcestershire.
MWG	S. S. Mexico.	MYO	S. S. Warwickshire.
MWH	S. S. California.	MYS	S. S. Conde Wifredo.
MWI	S. S. Ionic.	MYT	S. S. Boston.
MWJ	Sailing ship Mersey.	MYU	S. S. Prince Arthur.
MWK	S. S. Californian.	MYV	S. S. Prince George.
MWK	S. S. Quillota.	MYZ	S. S. Palmas.
MWM	S. S. Guatemala.	MZ	Mazatlan, Mexico.
MWN	S. S. Athenic.	MZA	S. S. Zealandia.
MWO	S. S. Oslo.	MZB	S. S. Bornu.
MWR	Harrington, Quebec.	MZC	S. S. Megantic.
MWS	Withernsea, England.	MZD	S. S. Zeeland.
MWT	S. S. Corinthic.	MZE	S. S. Akobo.
MWU	S. S. Uranium.	MZF	S. Y. Nigeria.
MWV	S. S. La Marsa.	MZI	S. S. Elmina.
MWW	S. S. Modjera.	MZJ	S. S. Karina.
MX	S. S. Colon.	MZK	S. S. Falaba.
MXB	S. S. Beothic.	MZL	S. S. Florizel.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
MZM	S. S. Mendi.	NAR	Key West, Fla. (naval station).
MZN	S. S. Parisian.	NAS	Pensacola, Fla. (navy yard).
MZO	S. S. Gromtala.	NAT	New Orleans, La. (naval station).
MZP	S. S. Koombana.	NAU	San Juan, P. R. (naval station).
MZR	S. S. Rosalind.	NAU	Nauen, Germany.
MZS	S. S. Marin Saenz.	NAV	Arlington, Va. (naval station).
MZT	S. S. Tarquah.	NAW	Guantanamo, Cuba (U. S. naval station).
MZU	S. S. Burutu.	NAX	Colon, Isthmian Canal Zone (U. S. naval station).
MZV	Venice, Italy (arsenal).	NAY	Porto Bello, Panama (U. S. naval station).
M2	S. S. City of Panama.	NBA	U. S. S. Abarenda.
N	Gjedser Reef Lightship, Denmark.	NBG	U. S. S. Aileen.
NA	Chehalis.	NBH	U. S. S. Ajax.
NAB	Cape Elizabeth, Me. (naval station).	NBI	U. S. S. Alabama.
NAC	Portsmouth, N. H. (navy yard).	NBJ	U. S. S. Albany.
NAD	Boston, Mass. (navy yard).	NBL	U. S. S. Alert.
NAE	Cape Cod, Highland Light, Mass. (naval station).	NBM	U. S. S. Alexander.
NAF	Newport, R. I. (naval station).	NBP	U. S. S. Ammen.
NAG	Fire Island, N. Y. (naval station).	NBR	U. S. S. Annapolis.
NAH	Brooklyn, N. Y. (navy yard).	NBU	U. S. S. Arethusa.
NAI	Philadelphia, Pa. (navy yard).	NBV	U. S. S. Arkansas.
NAJ	Cape Henlopen, Lewes, Del. (naval station).	NC	S. S. Carolina.
NAK	Annapolis, Md. (Naval Academy).	NC	S. S. Carlos.
NAL	Washington, D. C. (navy yard).	NCF	U. S. S. Bailey.
NAM	Norfolk, Va. (navy yard).	NCG	U. S. S. Bainbridge.
NAN	Beaufort, N. C. (naval station).	NCH	U. S. S. Baltimore.
NAO	Charleston, S. C. (navy yard).	NCK	U. S. S. Barry.
NAP	St. Augustine, Fla. (naval station).	NCL	U. S. S. Beale.
NAQ	Jupiter, Neptune, Fla. (naval station).	NCN	U. S. S. Birmingham.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
NCQ	U. S. S. Boston.	NET	U. S. S. Drayton.
NCS	U. S. S. Brooklyn.	NEU	U. S. S. Dubuque.
NCT	U. S. S. Brutus.	NEW	S. S. Turakina.
NCU	U. S. S. Buffalo.	NF	Norfolk, Va.
NCV	U. S. S. Burrows.	NF	S. S. Fifield.
NCY	U. S. S. Caesar.	NF	S. S. W. F. Herrin.
NCZ	U. S. S. California.	NFC	U. S. S. Eagle.
ND	S. S. Northland.	NFE	U. S. S. Elcano.
NDA	U. S. S. Castine.	NFJ	U. S. S. Essex.
NDB	U. S. S. Celtic.	NFM	U. S. S. Fanning.
NDC	U. S. S. Charleston.	NFP	U. S. S. Farragut.
NDE	U. S. S. Chattanooga.	NFR	U. S. S. Florida.
NDF	U. S. S. Chauncey.	NFS	U. S. S. Flusser.
NDG	U. S. S. Chester.	NGD	U. S. S. Galveston.
NDH	U. S. S. Cheyenne.	NGF	U. S. S. Georgia.
NDI	U. S. S. Chicago.	NGH	U. S. S. Glacier.
NDL	U. S. S. Cincinnati.	NGI	U. S. S. Gloucester.
NDM	U. S. S. Cleveland.	NGJ	U. S. S. Goldsborough.
NDN	U. S. S. Colorado.	NGK	U. S. S. Gopher.
NDQ	U. S. S. Connecticut.	NGU	U. S. S. Hannibal.
NDU	U. S. S. Culgoa.	NGV	U. S. S. Hartford.
NDY	U. S. S. Cyclops.	NGW	U. S. S. Hawk.
NEH	U. S. S. Dale.	NGX	U. S. S. Hector.
NEJ	U. S. S. Decatur.	NGY	U. S. S. Helena.
NEK	U. S. S. Delaware.	NH	S. S. Wilhelmina.
NEM	U. S. S. Denver.	NHC	U. S. S. Hopkins.
NEN	U. S. S. Des Moines.	NHE	U. S. S. Hull.
NEP	U. S. S. Dixie.	NHN	U. S. S. Idaho.
NEQ	U. S. S. Dolphin.	NHO	U. S. S. Illinois.
NER	U. S. S. Don Juan de Austria.	NHQ	U. S. S. Indiana.
NES	U. S. S. Dorothea.	NIIT	U. S. S. Iowa.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
NHU	U. S. S. Iris.	NK	S. S. New York.
NHV	U. S. S. Iroquois.	NK	S. S. Pequonock.
NHW	U. S. S. Isla de Cuba.	NKA	U. S. S. Milwaukee.
NI	S. S. Klamath.	NKD	U. S. S. Minnesota.
NIB	U. S. S. Jarvis.	NKE	U. S. S. Mississippi.
NIC	U. S. S. Jason.	NKF	U. S. S. Missouri.
NID	U. S. S. Jenkins.	NKJ	U. S. S. Monadnock.
NIE	U. S. S. Jouett.	NKL	U. S. S. Monaghan.
NIF	U. S. S. Jupiter.	NKM	U. S. S. Montana.
NIG	U. S. S. Justin.	NKN	U. S. S. Monterey.
NIO	U. S. S. Kansas.	NKO	U. S. S. Montgomery.
NIP	U. S. S. Kearsarge.	NKP	Nicolaiewsk, Russia.
NIQ	U. S. S. Kentucky.	NKV	U. S. S. Nanshan.
NIW	U. S. S. Lamson.	NKY	U. S. S. Nashville.
NIY	U. S. S. Lawrence.	NKZ	U. S. S. Navajo.
NIZ	U. S. S. Lebanon.	NL	S. S. Diamond Head.
NJ	S. S. New Jersey.	NLA	Nantucket Shoals Lightship.
NJA	U. S. S. Leonidas.	NLB	Diamond Shoals Lightship.
NJB	U. S. S. Louisiana.	NLC	Frying Pan Shoals Lightship.
NJH	U. S. S. Macdonough.	NMA	U. S. S. Nebraska.
NJI	U. S. S. Machias.	NMB	U. S. S. Nero.
NJL	U. S. S. Maine.	NME	U. S. S. New Hampshire.
NJO	U. S. S. Marblehead.	NMF	U. S. S. New Jersey.
NJQ	U. S. S. Marietta.	NMG	U. S. S. New Orleans.
NJR	U. S. S. Mars.	NMH	New York Nautical Schoolship Newport.
NJS	U. S. S. Maryland.	NMI	U. S. S. Saratoga.
NJT	U. S. S. Massachusetts.	NMK	U. S. S. New York.
NJU	U. S. S. Mayrant.	NMN	U. S. S. North Carolina.
NJV	U. S. S. Mayflower.	NMO	U. S. S. North Dakota.
NJW	U. S. S. McCall.	NMS	U. S. S. Neptune.
NJZ	U. S. S. Michigan.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
NMW	U. S. S. Ohio.	NPL	Point Loma, Cal. (naval station).
NMX	U. S. S. Olympia.	NPM	Honolulu, Hawaii (naval station).
NMZ	U. S. S. Oregon.	NPN	Guam, Marianas (naval station).
NO	Nonendamm, Germany.	NPO	Cavite, P. I. (naval station).
NOA	U. S. S. Osceola.	NPQ	Pribilof Islands, Alaska (naval station).
NOB	U. S. S. Ozark.	NPR	Unalaska, Alaska (naval station).
NOG	U. S. S. Paducah.	NPS	Kodiak, Alaska (naval station).
NOJ	U. S. S. Panther.	NPT	Olongapo, P. I. (naval station).
NOK	U. S. S. Patterson.	NPT	Nieuport, Belgium.
NOL	U. S. S. Patapsco.	NPV	Unalga Island, Alaska (naval station).
NOM	U. S. S. Patuxent.	NQ	S. S. Holland.
NON	U. S. S. Paulding.	NQF	U. S. S. Pompey.
NOP	U. S. S. Paul Jones.	NQM	U. S. S. Prairie.
NOT	U. S. S. Pennsylvania.	NQN	U. S. S. Preble.
NOX	U. S. S. Perkins.	NQO	U. S. S. Preston.
NOY	U. S. S. Perry.	NQP	U. S. S. Princeton.
NOZ	U. S. S. Petrel.	NQR	U. S. S. Prometheus.
NPA	Cordova, Alaska (naval station).	NR	S. S. Coronado.
NPB	Sitka, Alaska (naval station).	NRA	U. S. S. Rainbow.
NPC	Bremerton, Wash. (navy yard).	NRB	U. S. S. Raleigh.
NPD	Tatoosh Island, Wash. (naval station).	NRC	Massachusetts Nautical School-ship Ranger.
NPE	North Head, Wash. (naval station).	NRE	U. S. S. Reid.
NPF	Cape Blanco, Oreg. (naval station).	NRI	U. S. S. Rhode Island.
NPG	Table Bluff, Cal. (naval station).	NRM	U. S. S. Roe.
NPG	North Post, Trinidad.	NRZ	U. S. S. Salem.
NPH	Mare Island, Cal. (navy yard).	NS	S. S. New Hampshire.
NPI	Farallon Islands, Cal. (naval station).	NS	S. S. Kvichak.
NPJ	Yerba Buena Island, Cal. (naval station).	NSD	U. S. S. Sandoval.
NPK	Point Arguello, Cal. (naval station).		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
NSE	U. S. S. San Francisco.	NVS	U. S. S. Vixen.
NSF	U. S. S. Saturn.	NVT	U. S. S. Vulcan.
NSG	U. S. S. Scorpion.	NW	S. S. Northwest.
NSJ	U. S. S. Severn.	NW	S. S. Honolulu.
NSQ	U. S. S. Smith.	NW	Nawiliwili, Kauai, Hawaiian Islands.
NST	U. S. S. Solace.	NWD	U. S. S. Warrington.
NSW	U. S. S. South Carolina.	NWE	U. S. S. Washington.
NSX	U. S. S. South Dakota.	NWG	U. S. S. West Virginia.
NTA	U. S. S. Sterling.	NWH	U. S. S. Wheeling.
NTB	U. S. S. Sterrett.	NWI	U. S. S. Whipple.
NTC	U. S. S. Stewart.	NWK	U. S. S. Wilmington.
NTF	U. S. S. St. Louis.	NWL	U. S. S. Walke.
NTI	U. S. S. Stringham.	NWM	U. S. S. Wisconsin.
NTK	U. S. S. Supply.	NWN	U. S. S. Wolverine.
NU	S. S. J. S. Chanslor.	NWP	U. S. S. Worden.
NUA	U. S. S. Tacoma.	NWQ	U. S. S. Wyoming.
NUC	U. S. S. Tallahassee.	NX	S. S. Northland.
NUG	U. S. S. Tennessee.	NXB	U. S. S. Yankton.
NUI	U. S. S. Terry.	NXC	U. S. S. Yantic.
NUJ	U. S. S. Texas.	NXD	U. S. S. Yorktown.
NUN	U. S. S. Tonopah.	NY	New York, N. Y. (42 Broadway).
NUQ	U. S. S. Trippe.	NY	S. S. M. F. Plant.
NUS	U. S. S. Truxtun.	NY	S. S. St. Helens.
NV	S. S. Charles S. Nelson.	NZW	Wellington, New Zealand.
NVD	U. S. S. Uncas.	N2	Tug Fearless.
NVE	U. S. S. Utah.	OA	S. S. Hamilton.
NVK	U. S. S. Vermont.	OAH	S. S. Sophia Hohenberg.
NVL	U. S. S. Vestal.	OAT	S. S. Tufie Hohenberg.
NVM	U. S. S. Vesuvius.	OB	S. S. Princess Anne.
NVN	U. S. S. Vicksburg.	OC	S. S. Jamestown.
NVR	U. S. S. Virginia.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
OD	S. S. Jefferson.	PDK	S. S. Peter de Conick.
OG	S. S. Madison.	PG	Payo Obispo, Mexico.
OHX	New York City (Herald ship news office).	PGD	Point Grey, British Columbia.
OKA	S. S. Atlanta.	PH	San Francisco, Cal.
OKS	S. S. Columbia.	PHR	S. S. Princess Henrietta.
OKF	S. S. Francesca.	PI	Avalon, Catalina Island, Cal.
OKY	S. S. Kayo Maru.	PI	Isla Pinguin, Argentine Republic.
OLD	Olinda, Pernambuco, Brazil.	PIA	Fort Frank, P. I.
OM	S. S. Monroe.	PIB	Fort Drumm, P. I.
OP	S. S. A. W. Perry.	PIC	Fort Wint, P. I.
OR	U. S. Artillery harbor tug Gen. A. M. Randol.	PID	Fort William McKinley, P. I.
OS	S. S. Eastern States.	PJ	Point Judith, R. I.
OV	S. S. Olivette.	PJ	Los Angeles, Cal.
OW	S. S. Mascotte.	PJ	San Pedro, Cal.
OW	S. S. Eastern.	PJS	S. S. Princess Josephine.
OW	Berlin, Germany.	PK	Porthcuno, Cornwall, England.
OX	S. S. Halifax.	PK	Peking, China (Italian Embassy).
OX	Oxford, Germany	PLB	S. S. Princess Elizabeth.
OZ	S. S. Miami.	PM	Eureka, Cal.
O2	S. S. San Jose.	PM	S. S. Morgan.
P	New York City (Hotel Plaza).	PM	Puerto Militar, Argentine Republic.
P	Isle of Pines, Cuba.	PMB	Pemba, Zanzibar.
PAL	S. S. Prince Albert.	PM5	Pere Marquette car ferry No. 5.
PAM	S. S. Principesa Maria.	PN	Alpena, Mich.
PB	Ketchikan, Alaska.	PN	Katalla, Alaska.
PC	Astoria, Oreg.	PN	Manila, P. I.
PCL	S. S. Princess Clementine.	PNA	Ponta Negra, Brazil.
PD	Tampa, Fla.	POF	Fremantle, West Australia.
PD	Friday Harbor, Wash.	POP	Pennant Hills, Sydney, Australia.
PD	Punta Delgada, Argentine Republic.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
PPZ	Kronstadt (Fort Menschikoff), Russia.	P9	S. S. Bertha.
PQ	S. S. City of Chicago.	Q	Quebec.
PQA	S. S. Amsterdam.	Q	Bluefields, Nicaragua.
PQB	S. S. Brussels.	Q	S. S. City of Taunton.
PQC	S. S. Copenhagen.	QA	S. S. Larimer.
PQD	S. S. Dresden.	QB	S. S. Oklahoma.
PQH	S. S. Chelmsford.	QBM	Whitehall, London.
PQL	Parkeston Quay, England.	QBV	Aberdeen, England.
PQM	S. S. Munich.	QC	Barge Shenango.
PQO	S. S. Colchester.	QD	S. S. Dorchester.
PQP	S. S. St. Petersburg.	QDH	Alderney, England.
PQV	S. S. Vienna.	QE	S. S. Essex.
PR	North Vancouver, British Columbia.	QF	S. S. J. M. Guffey.
PRD	Prince Rupert, British Columbia.	QG	S. S. Grecian.
PRK	Petropavlovsk, Siberia.	QH	S. S. Berkshire.
PRR	Pennsylvania R. R. barge No. 707.	QI	S. S. Itasca.
PS	San Francisco, Cal. (Presidio).	QJ	S. S. Howard.
PS	Port of Spain, Trinidad.	QK	S. S. Fredrick.
PTB	St. Petersburg, Russia.	QK	Washington, D. C.
PU	S. S. Mobilla.	QL	S. S. Kershaw.
PV	S. S. Providence.	QM	S. S. Merrimac.
PW	Victoria, British Columbia.	QN	S. S. Juanita.
P1	S. S. Enterprise.	QO	S. S. Ligonier.
P2	S. S. Hilonian.	QP	S. S. Powhatan.
P3	S. S. Portland.	QR	Antwerp, Belgium
P4	S. S. Col. E. L. Drake.	QR	S. S. Persian.
P5	Standard Oil barge No. 93.	QS	S. S. Suwanee.
P7	S. S. Buckman.	QU	S. S. Nantucket.
P8	S. S. Watson.	QV	S. S. Quantico.
		QW	S. S. Winifred.
		QWC	Bermuda.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
QX	S. S. Lexington.	RCR	U. S. revenue cutter Rush.
QZ	S. S. Cretan.	RCS	U. S. revenue cutter Seminole.
Q1	S. S. Indian.	RCT	U. S. revenue cutter Thetis.
Q2	S. S. Ontario.	RCU	U. S. revenue cutter Acushnet.
Q3	S. S. Parthian.	RCW	U. S. revenue cutter Windom.
Q4	S. S. Somerset.	RCY	U. S. revenue cutter Yamacraw.
Q5	S. S. Alleghany.	RD	S. S. Belfast.
Q7	S. S. Tuscan.	RFA	Rufisque, Senegal.
Q9	S. S. New Orleans.	RFR	S. S. France.
R	Reggio, Italy.	RFS	S. S. Formosa.
RAC	S. S. Algerie.	RG	Rio Grande, Argentine Republic.
RB	S. S. Governor Cobb.	RGD	S. S. Earl Grey.
RC	S. S. Camden.	RH	S. S. Harvard.
RC	Lightship Recalada, La Plata River, Argentine Republic.	RIF	S. S. Ile-de-France.
RCA	U. S. revenue cutter Algonquin.	RIO	S. S. Russie.
RCB	U. S. revenue cutter Bear.	RIT	S. S. Italio.
RCD	U. S. revenue cutter Androscoggin.	RJ	Tug Relief.
RCE	U. S. revenue cutter Seneca.	RJ	Rio de Janeiro, Brazil.
RCF	U. S. revenue cutter Snohomish.	RJD	Cleethorpes, Brazil.
RCG	U. S. revenue cutter Gresham.	RJI	Rijo, Brazil.
RCH	U. S. revenue cutter McCullough.	RK	S. S. Roosevelt.
RCI	U. S. revenue cutter Itasca.	RKB	S. S. Ashtabula.
RCJ	U. S. revenue cutter Woodbury.	RLA	S. S. Plata.
RCK	U. S. revenue cutter Tahoma.	RLV	S. S. Luis Vives.
RCL	U. S. revenue cutter Tuscarora.	RMF	Colon, Panama.
RCM	U. S. revenue cutter Mohawk.	RMU	S. S. Mustapha.
RCN	U. S. revenue cutter Manning.	RN	S. S. Puritan.
RCO	U. S. revenue cutter Onondaga.	RN	S. S. Calvin Austin.
RCO	U. S. revenue cutter Onondaga.	RNA	S. S. Atrato.
RCP	U. S. revenue cutter Apache.	RND	Magdalena.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
RNH	New Haven, England.	RS	Pinar del Rio, Cuba.
RNN	S. S. Nile.	RSB	S. S. Sidi Brahim.
RNK	S. S. Clyde.	RSN	S. S. Espagne.
RNM	S. S. Thames.	RST	Rost, Norway.
RNO	S. S. Orinoco.	RU	Port Arthur, Tex.
RNQ	S. S. Ortona.	RV	S. S. Governor Dingley.
RNR	S. S. Trent.	RW	S. S. Artillery harbor tug Capt. Rowell.
RNU	S. S. Oruba.	RX	Mexican cable ship Relay.
RNX	S. S. Berbice.	RY	S. S. Yale.
RO	Isle Royal, Mich.	RZA	Raza Island, Brazil.
ROB	Bassein, India.	R2	S. S. City of Para.
ROC	Rio Branco, Brazil.	SA	S. S. United States.
ROC	Calcutta, India.	SA	Fort Sam Houston, Tex.
ROD	Diamond Island, Burma.	SAB	Sabang, Sumatra.
ROG	Mergui, India.	SAG	S. S. Argyllshire.
ROI	Table Island, Andaman Islands.	SAL	S. S. Salvor.
ROM	S. S. Romania.	SAT	S. S. Satellite.
ROP	Port Blair, Burma.	SBA	S. S. Birma.
ROS	Sandheads, India.	SC	S. S. Indiana.
ROT	Victoria Point, Burma.	SC	S. S. Tasco.
RP	S. S. Premier.	SC	S. S. J. B. Stetson.
RP	S. S. Richard Peck.	SC	Washington, D. C. (Signal Corps Laboratory).
RPD	S. S. La Rapide.	SCC	S. S. Chicago Maru.
RPP	S. S. Pampa.	SCD	S. S. Canada Maru.
RPV	S. S. Provence.	SCF	S. S. J. F. Tietgen.
RQ	S. S. I. J. Merritt.	SCH	Scheveningen, Holland.
RQN	Culver Cliff, England.	SCQ	Felixstowe, England.
RQW	Dover, England.	SD	Santo Domingo City, Santo Domingo.
RRX	Rixhoft, Germany.	SD	S. S. Centralia.
RS	S. S. Rescue.		

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
SEA	S. S. Esthonic.	SOS	Distress call.
SEE	S. S. Empress.	SP	Cabo San Pio, Argentine Republic.
SEI	S. S. Invicta.	SPC	Horsea, England.
SEO	S. S. Onward.	SPM	S. S. Panama Maru.
SEQ	S. S. The Queen.	SQ	S. S. Puritan.
SEV	S. S. Victoria.	SRN	S. S. Russia.
SF	San Francisco, Cal.	SRT	Monte Serrat, Brazil.
SG	S. S. Norwood.	SSP	S. S. Shropshire.
SH	Sault Ste. Marie, Mich.	SST	S. S. Seattle Maru.
SK	S. S. Kilburn.	ST	S. S. Fort Bragg.
SK	S. S. Oceana.	STA	S. S. Tacoma Maru.
SKD	Cape Lazo, British Columbia.	STD	S. S. Stanley.
SKE	Skegness, England.	STF	S. S. Foam.
SKT	S. S. Kasato Maru.	STM	Santa Maria, Azores.
SLA	S. S. Litunia.	SU	S. S. Redondo.
SM	S. S. Sierra.	SV	Savannah, Ga.
SM	San Martin, Argentine Republic.	SV	S. S. Roosevelt.
SMD	Senna Madureira, Brazil.	SVA	Suva, Fiji Islands.
SMG	Ponta Delgado, San Miguel, Azores.	SW	Burrwood, Southwest Pass, La.
SMP	Windmill Hill, Gibraltar.	SW	S. S. Willamette.
SMX	S. S. Mexico Maru.	SY	S. S. Yosemite.
SN	Santiago de Cuba, Cuba.	SZA	S. S. Prinses Juliana.
SN	S. S. Nome City.	SZH	S. S. Prins Hendrick.
SNA	Barge Shenango.	SZM	S. S. Mecklenburg.
SND	S. S. Wm. P. Snyder.	SZR	S. S. Konigin Regentes.
SNG	Shanghai, China.	SZU	S. S. Oranje Nassau.
SNJ	S. S. Schoonmaker.	SZW	S. S. Konigin Wilhelmina.
SNW	S. S. Wilpen.	S2	S. S. City of Sydney.
SOE	Sorvaagen, Norway.	S2	Seattle, Wash.
SOR	S. S. King Oscar II.	TAC	S. S. America Maru.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
TAF	Ajaccio, Corsica.	TRF	Rochefort, France.
TAV	Taveuni, Fiji Islands.	TTY	S. S. Tenyo Maru.
TB	S. S. Ceiba.	TU	Berlin, Germany.
TBN	Ipswich, England.	TV	S. S. Joseph Vacarro.
TBS	La Valetta, Malta.	TVK	Kiel, Germany (torpedo station).
TBY	S. S. Bayo Maru.	TVP	Scilly Islands, England.
TCF	Cherbourg, France.	TWP	Tangier, Morocco.
TCY	S. S. Chiyo Maru.	TWQ	Portland, England.
TDF	Dunkerque, France.	TWT	New York, N. Y. (111 Broadway).
TFP	Rabat, Morocco.	TYP	Mogador, Morocco.
THD	Pembroke, England.	TZF	Bizerta, Tunis.
THM	Tobermory, Scotland.	T2	Tacoma, Wash.
THN	S. S. Hongkong Maru.	UBL	Boulogne, France.
TKQ	Portland Bill, England.	UBM	S. S. Berwindmoor.
TLD	Triangle Island, British Columbia.	UBO	S. S. Bayardo.
TLF	Lorient, France.	UBV	S. S. Berwindvale.
TLK	Port Patrick, England.	UCF	Belize, British Honduras.
TMC	S. S. America Maru.	UCG	Puerto Barrios, Guatemala.
TMO	Tjomo, Norway.	UCJ	Santa Marta, Colombia.
TMP	Rame Head, England.	UCL	S. S. Ucayali.
TN	S. S. Tennessee.	UCO	S. S. Calypso.
TN	Tientsin, China.	UCX	S. S. Sixaola.
TNF	Toulon, Mourilion, France.	UD	S. S. Lansing.
TNP	S. S. Nippon Maru.	UDC	S. S. Coppename.
TOF	Oran, Algeria.	UDS	S. S. Sun.
TOG	South coast of Tobago.	UDW	S. S. Marowijine.
TPP	Casablanca, Morocco.	UE	Rama, Nicaragua.
TQF	Brest, France.	UEA	S. S. Ceiba.
TQM	Rosyth, England.	UEB	S. S. Yoro.
TR	S. S. Rosina.	UFA	S. S. Ellis.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
UFB	S. S. Preston	UHG	S. S. Highland Glen.
UFC	General call for United Fruit Co. stations.	UHI	S. S. Highland Pipe.
UFD	S. S. Parismina.	UHK	S. S. Highland Loch.
UFF	S. S. Abangarez.	UHL	S. S. Highland Laddie.
UFG	S. S. Cartago.	UHM	S. S. Mariette di Giorgio.
UFH	S. S. Heredia.	UHP	S. S. Highland Pride.
UFI	S. S. Titives.	UHR	S. S. Highland Rover
UFJ	S. S. Carrillo.	UHS	S. S. Highland Scot.
UFK	S. S. Turrialba.	UHW	S. S. Highland Warrior.
UFL	S. S. Esparta.	UHW	S. S. Esconidido.
UFL	S. S. Planeta.	UIO	S. S. Idaho.
UFM	S. S. Atenas.	UJ	Cape San Antonio, Cuba.
UFN	S. S. Almirante.	UJA	S. S. Johan Bryde.
UFO	Fort d'l Eau, Algeria.	UJA	S. S. Acre.
UFO	S. S. Francisco.	UJB	S. S. Sergipe.
UFR	S. S. Metapan.	UJC	S. S. Orion.
UFS	S. S. Torbay Scout.	UJD	S. S. Aymore.
UFU	S. S. Limon.	UJE	S. S. Satellite.
UFW	S. S. San Jose.	UJF	S. S. Javarz.
UFY	S. S. Santa Marta.	UJG	S. S. Bahia.
UFZ	S. S. Zacapa.	UJH	S. S. Marnhao.
UG	S. S. Admiral Schley.	UJI	S. S. Olinda.
UG	S. S. Washtenaw.	UJK	S. S. Brazil.
UGO	S. S. Gallileo.	UJM	S. S. San Salvatore.
UH	Usuaia, Argentine Republic.	UJN	S. S. Goyaz.
UHB	S. S. Highland Brae.	UJO	S. S. Para.
UHC	S. S. Highland Corrie.	UJO	S. S. Axopock.
UHC	S. S. Imperator.	UJP	S. S. Saturno.
UHD	S. S. Dictator.	UJQ	S. S. Manaos.
UHF	S. S. Herman Frasch.	UJR	S. S. Jupiter.
UHG	S. S. I. D. Fletcher.	UJS	S. S. Prudente Moraes.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
UJV	S. S. Cearea.	USK	S. S. Eskimo.
UJW	S. S. Florianapolis.	USM	St. Marie de la Mer. France.
UJX	S. S. Ixis.	USV	S. S. St. Vincent.
UJY	S. S. Alagoas.	UV	S. S. Admiral Dewey.
UJZ	S. S. Sirio.	UV	S. S. Argyll.
UK	S. S. Oleum.	UVD	S. S. Verdi.
UKJ	S. S. Victoria.	UVL	S. S. Voltaire.
ULA	S. S. Huallaga.	UVR	S. S. Vasari.
ULB	Rio de Janeiro, Brazil.	UVX	S. S. Byron.
ULC	S. S. Persia.	UVY	S. S. Tennyson.
ULO	S. S. Buffalo.	UW	S. S. Admiral Farragut.
UM	S. S. Guantanamo.	UW	S. S. Pectan.
UM	S. S. Santa Maria.	UWA	S. S. Roseric.
UMD	S. S. Druid.	UWB	S. S. Kumeric.
UMO	S. S. Marengo.	UWC	S. S. Luceric.
UN	S. S. Roma.	UWD	S. S. Orteric.
UN	S. S. Whittier.	UWE	S. S. Suveric.
UN	S. Y. Unomee.	UWK	S. S. San Paulo.
UNI	Cros de Cagnes, France.	UWN	S. S. Minas Geraes.
UOS	Ouissant, France.	UWR	S. S. Rio de Janeiro.
UPA	S. S. Prince Albert.	UXS	S. S. Texas.
UPG	S. S. Prince George.	U2	S. S. Lurline.
UPJ	S. S. Prince John.	V	San Giovanni, Italy.
UPQ	Porquerolles, France.	VA	S. S. Apache.
UPR	S. S. Prince Rupert.	VB	S. S. Arapahoe.
UQC	Porto Barrios, Guatemala.	VC	S. S. Comanche.
URD	Santa Marta, Colombia.	VDV	S. S. Villa de Douvres.
URG	S. S. Noruega.	VDS	S. Y. Vanadis.
US	Swan Island, off Honduras.	VF	S. S. Iroquois.
US	S. S. Santa Rita.	VFM	Sheerness, England.
USD	Estevan, British Columbia.	VG	S. S. Algonquin.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
VI	S. S. Seminole.	WN	S. S. Mongolia.
VK	S. S. Cherokee.	WN	Wilsons Point, Conn.
VL	Wyl Lightship, Denmark.	WN	Wellington, New Zealand.
VM	S. S. Mohawk.	WO	S. S. Santiago.
VN	S. S. Huron.	WP	S. S. Antilla.
VSD	Victoria, B. C.	WPM	Puerto Militar, Bahai Blanca, Argentine Republic.
V2	Victoria, B. C.	WQ	Eastport, Me.
V2	S. S. Pennsylvania.	WQ	S. S. City of Traverse.
WA	S. S. China.	WRS	Rio Santiago, Argentine Republic.
WAN	Ano Neuvo, New Year's Island, Argentine Republic.	WS	New London, Conn.
WB	S. S. W. B. Davock.	WS	S. S. Western States.
WB	S. S. Beaver.	WS	S. S. Saratoga.
WB	S. S. Persia.	WT	S. S. Asia.
WB	Wiborg, Russia.	WTA	Talacahuano, Chile.
WBA	Buenos Aires, Argentine Republic.	WU	S. S. Camaguey.
WC	S. S. Morro Castle.	WU	S. S. Siberia.
WCV	Cabo Virgines, Argentine Republic.	WUH	Usuaia, Argentine Republic.
WD	S. S. Bear.	WV	S. S. Persia.
WD	Bayonne, N. J.	WV	S. S. Vigilancia.
WD	S. S. Walter Adams.	WX	S. S. Mexico.
WE	S. S. City of Lowell.	WY	S. S. Monterey.
WE	S. S. Manchuria.	WY	Motor yacht Sea Otter.
WEN	Valparaiso, Chile (naval station).	WZ	S. S. Esperanza.
WFA	Formosa, Argentine Republic.	W2	S. S. Tacoma.
WFT	Valparaiso, Chile (Playa Ancha).	X	U. S. Artillery harbor tug Reno.
WG	S. S. Seguranca.	X	Port Limon, Costa Rico.
WH	S. S. Havana.	XA	S. S. Hendrick Hudson.
WHM	S. S. Wm. Henry Mack.	XA	S. S. Arizona.
WK	S. S. Korea.	XA	S. S. City of Philadelphia.
WLS	Las Salinas, Chile.	XB	S. S. City of Wilmington.

Alphabetical list of call letters—Continued.

Call letters.	Station.	Call letters.	Station.
XB	S. S. Robert Fulton.	YD	S. S. Toledo.
XC	S. S. C. W. Morse.	YIB	S. S. Inaba Maru.
XC	S. S. Columbia.	YIY	S. S. Iyo Maru.
XD	S. S. Adirondack.	YKG	S. S. Kaga Maru.
XD	S. S. Walter Adams.	YKM	S. S. Kamakura Maru.
XEY	Cerritoa de Sinaloa, Mexico.	YN	S. S. Illinois.
XF	S. S. Florida.	YSD	S. S. Sado Maru.
XG	S. S. Alabama.	YSK	S. S. Sanuki Maru.
XK	S. S. Virginia.	YSN	S. S. Shinano Maru.
XK	S. S. Alaska.	YTB	S. S. Tamba Maru.
XM	S. S. Mindora.	YTG	S. S. Tango Maru.
XN	S. S. J. L. Lawfence.	YTS	S. S. Toso Maru.
XN	S. S. City of Norfolk.	ZAR	Zanzibar.
XO	S. S. City of Baltimore.	ZB	S. S. Ossabow.
XP	Xcalac, Mexico.	ZK	S. S. Ogeechee.
XQ	S. S. Louise.	ZM	S. S. Satilla.
XQ	S. S. Quick Step.	ZQ	S. S. Altamaha.
XRH	San Rosalie de la Baja, Mexico.	ZSR	S. Y. Electra.
XSJ	San Jose del Cabo, Mexico.	ZU	S. S. Ocmulgee.
XW	S. S. Jos. Wharton.	ZU	S. S. Nederland.
X2	S. S. Aztec.	15	Pere Marquette car ferry No. 15.
YA	S. S. S. V. Luckenbach.	17	Pere Marquette car ferry No. 17.
YA	S. S. Paraguay.	18	Pere Marquette car ferry No. 18.
YA	S. S. Thalia.	19	Pere Marquette car ferry No. 19.
YAK	S. S. Aki Maru.	20	Pere Marquette car ferry No. 20.
YAW	S. S. Awa Maru.		

18.3.27



